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WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR
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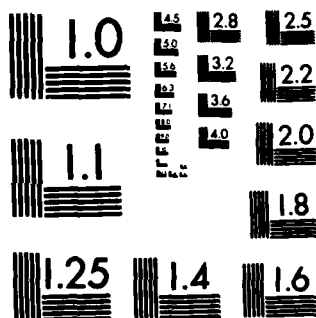
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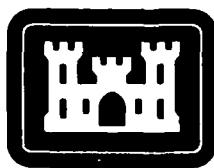
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AD-A148 822

WATERBORNE COMMERCE
OF THE UNITED STATES

Calendar Year 1982

PART 1
WATERWAYS AND HARBORS
ATLANTIC COAST



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WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1982

PART 1

WATERWAYS AND HARBORS ATLANTIC COAST

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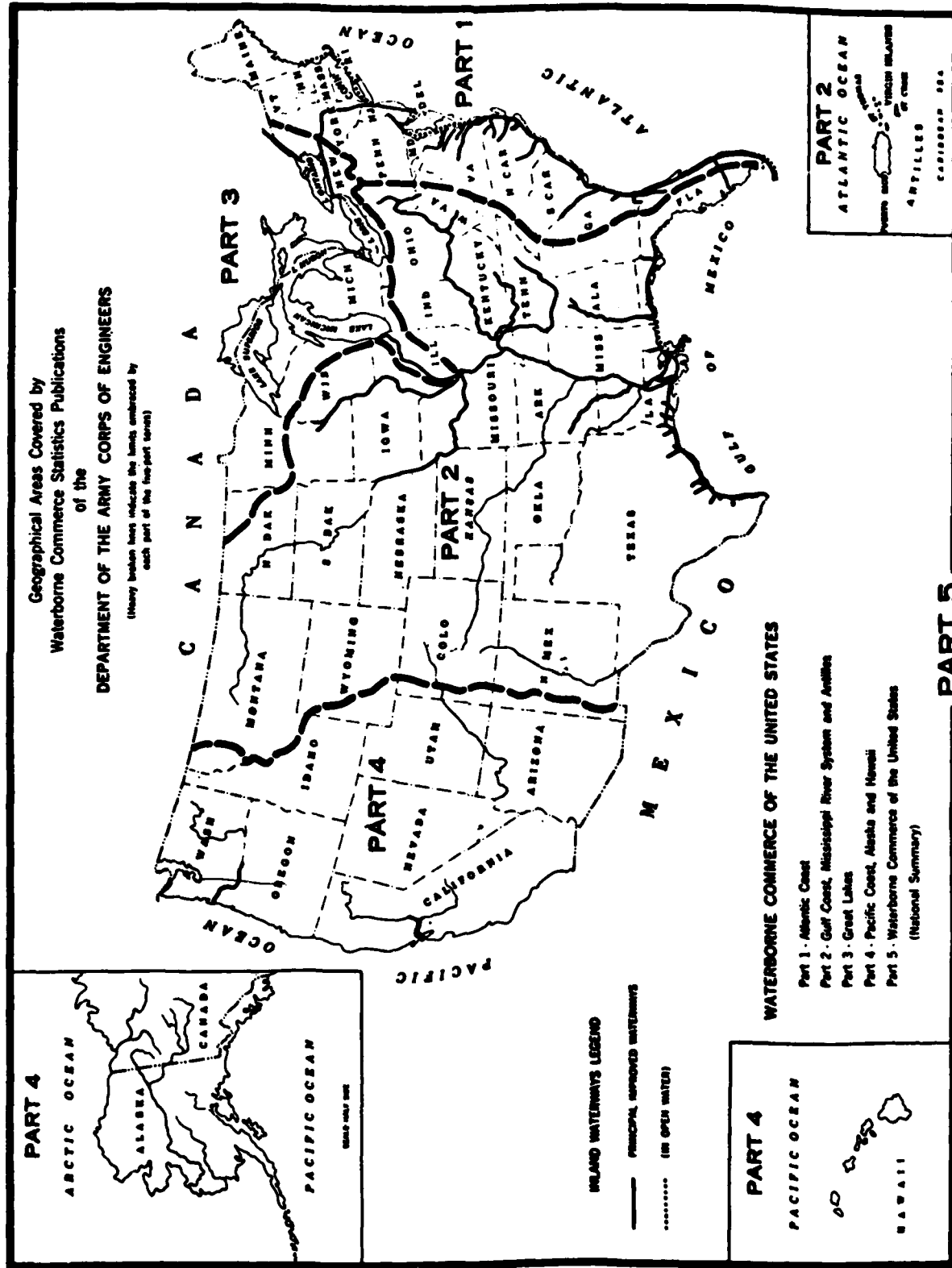


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Division Engineer, U.S. Army Engineer Division, New England
424 Trapelo Road, Waltham, Massachusetts 02154

District Engineer, U.S. Army Engineer District, New Orleans
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INTRODUCTION

This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1982. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

Area

- Part 1. Atlantic Coast
- Part 2. Gulf Coast, Mississippi River System, and Antilles
- Part 3. Great Lakes
- Part 4. Pacific Coast, Alaska, and Hawaii
- Part 5. Waterborne Commerce of the United States (National Summaries)

Both the foreign and domestic commerce of the United States by water are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922:

Section 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information. That every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of \$100 or imprisonment not exceeding two months, to be enforced in any direct court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the inland rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1982 but not reported to the Corps of Engineers until after 28 February 1983 will be included in the next year's, 1983, statistics rather than in this publication, while reports of movements completed in 1981 but reported to the Corps after 28 February 1982 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal Agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense controlled cargo and Special Category Items."

The 1982 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report. Import statistics for 1982 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

The figures on ton-miles are computed by the Corps of Engineers; each ton-mile figure reflects only the distance each ton of cargo, foreign or domestic, moved on the waterway described in the section for which the figure is reported. The summary of ton-miles for the entire United States contained in Part 5 includes movements on the inland waterways and Great Lakes System only; cargoes, foreign and domestic, of deep-sea vessels are included only for that portion of the voyage that occurred in inland rivers, canals, or connecting channels—neither the carriage on the oceans and the Gulf of Mexico nor the tonnage moved among the territories and possessions, "Intra-territory Traffic," are taken into account.

Trips of vessels at ports are reported as inbound, which represents the number of entrances or arrivals; and outbound, which represents the number of clearances or departures. On the waterways, the number of trips signifies the number of individual vessel movements on the waterway in each direction; a single trip is counted for each vessel using the waterway in a continuous direction regardless of the number of stops made on the waterway. Some towboat trips and empty barge moves are sampled to expedite processing and reduce cost. Even with sampling; however, the number of towboat trips are calculated from better than 70-percent of the total number of towboat moves reported and the number of barge trips are derived from better than 85-percent of the total number of barge moves reported. The number of trips reported includes vessels engaged in foreign trade, which are furnished by the Bureau of the Census based on Customs Entrance and Clearance forms. Complete information on trips of vessels, ferry and other, not required to clear formally was not furnished by the Bureau of Customs beginning with data for the year 1969. Adjustments are made to the trip counts, if necessary, to more accurately reflect actual traffic patterns (e.g. inbound vs. outbound trip counts).

Customs regulations with regard to entrance and clearance do not provide all data as required by the Corps of Engineers where supplementary information could be obtained, adjustments were made by the Corps of Engineers to reflect the true volume of vessel movements in and out of channels and harbors reported in these publications.

Excluded from these figures are United States Army and Navy vessels, such as Army transports and Navy tankers entering or clearing without commercial cargo, and foreign military and naval craft.

Some duplication may exist in the number of vessel trips at ports for those American Flag vessels engaging both foreign and domestic trade on the same voyage. Since movements of vessels and cargo between two United States ports are reported to the Corps of Engineers, and entrance and clearance must be obtained from Customs at each port of call while foreign cargoes are aboard, those vessels engaged in combined foreign and domestic movements may be reported twice.

Draft, in all cases, is the distance from water level to the lowest point of the vessel under-water and is measured when the vessel is completely stopped - either tied to a dock or at anchor. The draft under way - while the vessel is moving - is dependent on many factors, such as speed of the vessel and depth and width of the channel, and varies from channel to channel. Channel depth of at least 3 feet more than the draft of a vessel at dock is required where vessels must be operated at slow speed. Channel depth of 5 feet more than the draft of a vessel at dock is required in channels where vessels can be operated at more efficient and economical speeds.

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1982 in Bar Harbor, Lubec, Eastport and Portland Harbor.

Foreign data on various connecting channels having no terminal facilities, such as Cape Cod Canal, and Chesapeake and Delaware Canal, are not available from Census records. Hence, the Corps of Engineers developed such data from canal records.

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1982 of harbors and waterways in the area covered by this part of the statistics series.

SECTION 2 presents data on the movements of vessels at the harbors and on the waterways included in the first section.

TERMS FOR KIND OF TRAFFIC

The terms applied to the kinds of traffic as found in these publications are explained as follows:

Pertaining to Ports

Imports and Exports. These terms apply to traffic between the United States and foreign ports, including the Canal Zone. Traffic of the U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

Coastwise Receipts and Shipments. These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, or Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are internal bodies of water; therefore, traffic confined to these areas is "internal" rather than "coastwise."

Lake-wise Receipts and Shipments. These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

Internal Receipts and Shipment. These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems, marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important arms thereof; and movements between offshore installations and inland waterways.

Local. Movements of freight within the confines of a port whether the port has only one or several arms or channels, except car-ferry and general ferry are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

Intraterritory receipts and shipments. These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A., which are considered a single unit.

Pertaining to Rivers, Federal and Private Canals, Connecting Channels, and Intracoastal Waterways

The terms "imports," "exports," "coastwise receipts," "coastwise shipments," "internal receipts," and "internal shipments" are used as at ports.

Upbound and Downbound. These terms are applied to movements within the confines of a river, intracoastal waterway, canal, or a segment of one of these channels as described in the "Section included" for each channel.

Inbound and Outbound. Traffic moving from one waterway into another is termed "outbound" in the case of the shipping waterway and "inbound" with respect to the receiving waterway.

Through Traffic. Traffic moving through a waterway to and from points on other waterways is termed "through traffic."

General Terms

Freight reported under the terms "car ferry" or "general ferry" is not directly included in the port or channel tonnage, but is separately stated and tabulated.

INTRODUCTION

IX

COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

NOTE: The commodity descriptions used in the statistical tables in this publication are abbreviated to conserve printing space of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 19-Ordnance and Accessories	
0101	Cotton, raw	1911	Ordnance and accessories
0102	Barley and rye	Group 20-Food and Kindred Products	
0103	Corn	2011	Meat, fresh, chilled, or frozen
0104	Oats	2012	Meat and meat products prepared or preserved, including canned meat products
0105	Rice	2014	Tallow, animal fats and oils
0106	Sorghum Grains	2015	Animal by-products, not elsewhere classified
0107	Wheat	2021	Dairy products, except dried milk and cream
0111	Soybeans	2022	Dried milk and cream
0112	Flaxseed	2031	Fish and fish products, including shellfish, prepared or preserved
0119	Oilseeds, not elsewhere classified	Group 21-Tobacco Products	
0121	Tobacco, leaf	2111	Tobacco manufactures
0122	Hay and Fodder	Group 22-Basic Textiles	
0129	Field crops, not elsewhere classified	2211	Basic textile products, except textile fibers
0131	Fresh fruits	2212	Textile fibers not elsewhere classified
0132	Bananas and plantains	Group 23-Apparel and Other Finished Textile Products Including Knit	
0133	Coffee, green and roasted (including instant)	2311	Apparel and other finished textile products, including knit
0134	Cocoa beans	Group 24-Lumber and Wood Products Except Furniture	
0141	Fresh and frozen vegetables	2411	Logs
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.	2412	Rafted logs
0161	Animals and animal products, not elsewhere classified	2413	Fuel wood, charcoal, and wastes
0191	Miscellaneous farm products	2414	Timber, posts, poles, piling, and other wood in the rough
Group 08-Forest Products		2415	Pulpwood, log
0841	Crude rubber and allied gums	2416	Wood chips, staves, moldings, and excelsior
0861	Forest products, not elsewhere classified	2421	Lumber
Group 09-Fresh Fish and Other Marine Products		2431	Veneer, plywood, and other worked wood
0911	Fresh fish, except shellfish	2491	Wood manufactures, not elsewhere classified
0912	Shellfish, except prepared or preserved	Group 25-Furniture and Fixtures	
0913	Menhaden	2511	Furniture and fixtures
0931	Marine shells, unmanufactured	Group 26-Pulp, Paper and Allied Products	
Group 10-Metallic Ores		2611	Pulp
1011	Iron ore and concentrates	2621	Standard newsprint paper
1021	Copper ore and concentrates		
1051	Bauxite and other aluminum ores and concentrates		
1061	Manganese ores and concentrates		
1091	Nonferrous metal ores and concentrates, not elsewhere classified		
Group 11-Coal			
1121	Coal and lignite		
Group 13-Crude Petroleum			
1311	Crude petroleum		
Group 14-Nonmetallic Minerals, Except Fuels			
1411	Limestone flux and calcareous stone		
1412	Building stone, unworked		
1442	Sand, gravel and crushed rock		
1451	Clay, ceramic and refractory materials		
1471	Phosphate rock		
1479	Natural fertilizer materials, not elsewhere classified		
1491	Salt		
1492	Sulphur, dry		
1493	Sulphur, liquid		
1494	Gypsum, crude and plasters		
1499	Nonmetallic minerals, except fuels, not elsewhere classified		

Waterborne Commerce of the United States, 1982

Code No.	Item Name	Code No.	Item Name
Group 26-Pulp, Paper and Allied Products (continued)		Group 32-Stone, Clay, Glass and Concrete Products	
2631	Paper and paperboard	3211	Glass and glass products
2691	Pulp, paper and paperboard products, not elsewhere classified	3241	Building cement
Group 27-Printed Matter		3251	Structural clay products, including refractories
2711 Printed matter		3271	Lime
Group 28-Chemicals and Allied Products		3281	Cut stone and stone products
2810	Sodium hydroxide (caustic soda)	3291	Miscellaneous nonmetallic mineral products
2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene	Group 33-Primary Metal Products	
2812	Dyes, organic pigment, dyeing and tanning materials	3311	Pig iron
2813	Alcohols	3312	Slag
2816	Radioactive and associated materials, including waste	3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents
2817	Benzene and toluene, crude and commercially pure	3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge
2818	Sulphuric acid	3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling
2819	Basic chemicals and basic chemical products, not elsewhere classified	3316	Iron and steel plates and sheets
2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting and laminates	3317	Iron and steel pipe and tube
2822	Synthetic rubber	3318	Ferroalloys
2823	Synthetic (man-made) fiber	3319	Primary iron and steel products, not elsewhere classified including castings in the rough
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)	3321	Nonferrous metals primary smelter products, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum
2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations	3322	Copper and copper alloys, whether or not refined, unworked
2851	Paints, varnishes, lacquers, enamels, and allied products	3323	Lead and zinc including alloys, unworked
2861	Gum and wood chemicals	3324	Aluminum and aluminum alloys, unworked
2871	Nitrogenous chemical fertilizers, except mixtures	Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment	
2872	Potassic chemical fertilizers, except mixtures	3411	Fabricated metal products, except ordnance, machinery, and transportation equipment.
2873	Phosphatic chemical fertilizers, except mixtures	Group 35-Machinery, Except Electrical	
2876	Insecticides, fungicides, pesticides, and disinfectants	3511	Machinery, except electrical
2879	Fertilizers and fertilizer materials, not elsewhere classified	Group 36-Electrical Machinery, Equipment and Supplies	
2891	Miscellaneous chemical products	3611	Electrical machinery equipment and supplies
Group 29-Petroleum and Coal Products		Group 37-Transportation Equipment	
2911	Gasoline, including additives	3711	Motor vehicles, parts and equipment
2912	Jet fuel	3721	Aircraft and parts
2913	Kerosene	3731	Ships and boats
2914	Distillate fuel oil	3791	Miscellaneous transportation equipment
2915	Residual fuel oil	Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks	
2916	Lubricating oils and greases	3811	Instruments, photographic and optical goods, watches and clocks
2917	Naphtha, mineral spirits, solvents, not elsewhere classified	Group 39-Miscellaneous Products of Manufacturing	
2918	Asphalt, tar, and pitches	3911	Miscellaneous products of manufacturing
2920	Coke, including petroleum coke	Group 40-Waste and Scrap Materials	
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids	4011	Iron and steel scrap
2951	Asphalt building materials	4012	Nonferrous metal scrap
2991	Petroleum and coal products, not elsewhere classified	4022	Textile waste, scrap, and sweepings
Group 30-Rubber and Miscellaneous Plastics Products		4024	Paper waste and scrap
3011	Rubber and miscellaneous plastic products	4029	Waste and scrap, not elsewhere classified
Group 31-Leather and Leather Products			
3111	Leather and leather products		

INTRODUCTION

XI

Code No.	Item Name
Group 41-Special Items	
4111	Water
4112	Miscellaneous shipments not identifiable by commodity
4113	LCL freight
4118	Materials used in waterway improvement, Government materials
4119	Empty containers
9999*	Department of Defense controlled cargo and special category items

* Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SCI) for which commodity detail is not furnished to the Corps of Engineers.

Section I
FREIGHT TRAFFIC

NEW ENGLAND DIVISION

3

BUCKSPORT HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)

SECTION INCLUDED: HARBOR PROPER, INCLUDING WESTERN END OF THE EASTERN CHANNEL, OPPOSITE THE NORTHERN END OF VERONA ISLAND. CONTROLLING DEPTH: 5.2 FEET. PROJECT DEPTH: 16.0 FEET IN MIDDLE GROUND AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,182,679	1978-----	1,175,770
1974-----	1,153,920	1979-----	1,091,638
1975-----	1,145,050	1980-----	939,388
1976-----	1,185,182	1981-----	965,295
1977-----	1,191,026	1982-----	860,897

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC		INTERNAL
		IMPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	860,897	438,180	375,519	17,053	30,345
2911 GASOLINE-----	135,832		129,366	6,466	
2912 JET FUEL-----	39,249		32,710	6,539	
2913 KEROSENE-----	15,559		11,379	1,444	2,736
2914 DISTILLATE FUEL OIL-----	220,871	8,857	188,282	123	27,609
2915 RESIDUAL FUEL OIL-----	483,748	429,323	18,421		
2901 PETROLEUM AND COAL PROD, NEC-----	5,642		3,161	2,481	

PENOBSCOT RIVER, MAINE

SECTION INCLUDED: MOUTH TO BANGOR. CONTROLLING DEPTH: 18 FEET IN CHANNEL OPPOSITE LAWRENCE COVE AND 21.4 FEET IN CHANNEL OPPOSITE FRANKFORT FLATS. PROJECT DEPTH: 22 FEET BETWEEN BUCKSPORT AND WINTERPORT, 15 FEET NEAR STEARNS MILL AND CROSBY NARROWS, 14 FEET AT HARBOR AT BANGOR. ALL AT MEAN LOW WATER. NAVIGATION SEASON: ABOUT 9 MONTHS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,832,107	1978-----	1,768,187
1974-----	1,670,185	1979-----	1,601,606
1975-----	1,667,833	1980-----	1,459,216
1976-----	1,821,835	1981-----	1,430,372
1977-----	1,812,439	1982-----	1,166,329

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		INTERNAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,166,329	438,210	18,419	663,338	18,021	30,345
0161 ANIMALS AND PRODUCTS, NEC-----	1,389		1,389			
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,304		2,304			
0912 SHELLFISH, EXCEPT PREPARED-----	234		234			
2011 MEAT, FRESH, CHILLED, FROZEN-----	11,903		11,903			
2031 FISH AND SHELLFISH, PREPARED-----	48		48			
2042 ANIMAL FEEDS-----	581		581			
2911 GASOLINE-----	289,670			283,208	6,466	
2912 JET FUEL-----	46,683			42,188	6,539	
2913 KEROSENE-----	29,323			25,143	1,444	2,736
2914 DISTILLATE FUEL OIL-----	318,140	8,857		280,583	1,091	27,609
2915 RESIDUAL FUEL OIL-----	483,748	429,323		18,421		
2918 ASPHALT, TAR, AND PITCHES-----	14,678			14,678		
2901 PETROLEUM AND COAL PROD, NEC-----	5,642			3,161	2,481	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1	1				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	29	29				
TOTAL TON-MILES, 14,490,696.						

SEARSPORT HARBOR, MAINE

SECTION INCLUDED: CHANNEL FROM DEEP WATER TO PIERB AND TURNING BASIN AT MACK POINT. CONTROLLING DEPTH: 35 FEET IN 35 FOOT ACCESS CHANNEL; 34 FEET IN 35 FOOT TURNING BASIN. PROJECT DEPTH: 35 FEET, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,322,688	1978-----	1,339,083
1974-----	1,216,294	1979-----	1,280,216
1975-----	1,365,860	1980-----	1,192,650
1976-----	1,313,413	1981-----	1,079,013
1977-----	1,497,188	1982-----	793,713

Waterborne Commerce of the United States, 1982

SEASPORT HARBOR, MAINE--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL	793,713	690,126	15,009	70,761	9,817
0061 FOREST PRODUCTS, NEC	1,700	1,700			
1411 LIMESTONE	14,701	14,701			
1491 SALT	130,687	130,687			
2034 VEGETABLES AND PREP, NEC	10,561	10,561			
2631 PAPER AND PAPERBOARD	14,928		14,928		
2810 SODIUM HYDROXIDE	9,994			7,551	2,443
2819 BASIC CHEMICALS AND PROD, NEC	1,989	1,989			
2891 MISCELLANEOUS CHEMICAL PROD	15		15		
2911 GASOLINE	7,374				7,374
2912 JET FUEL	61,988			61,988	
2914 DISTILLATE FUEL OIL	3,479			3,479	
2915 RESIDUAL FUEL OIL	536,218	536,218		1,743	
3111 LEATHER AND LEATHER PRODUCTS	31		31		
3511 MACHINERY, EXCEPT ELECTRICAL	37	4	33		
3611 ELECTRICAL MACH AND EQUIP	5	4	1		
3711 MOTOR VEHICLES, PARTS, EQUIP	1		1		
4112 COMMODITIES, NEC	5	5			

PORTLAND HARBOR, MAINE

SECTION INCLUDED: NORTHERN LIMIT FROM THE MOUTH OF THE PRESUMSCOT RIVER ON THE WEST TO THE NORTHERN EXTREMITY OF GREAT DIAMOND ISLAND ON THE EAST; AND THE SOUTHERN LIMIT FROM PORTLAND HEAD LIGHT TO THE SOUTHERN EXTREMITY OF CUSHING ISLAND ACROSS THE MAIN SHIP CHANNEL. INCLUDED WITHIN THIS AREA ARE THE WATERFRONTS OF PORTLAND, SOUTH PORTLAND AND RACK COVE. CONTROLLING DEPTHS: 45 FEET FROM THE SEA TO THE LIMIT OF THE 45-FOOT CHANNEL; 45 FEET IN MAIN SHIP CHANNEL; 45 FEET IN 45-FOOT HOUSE ISLAND ANCHORAGE; 33 FEET TO PORTLAND BRIDGE; 32.0 FEET TO UPSTREAM LIMIT IN THE 35-FOOT FORD RIVER CHANNEL; 30 FEET IN 30-FOOT ANCHORAGE; 18 FEET IN 30-FOOT APPROACH CHANNEL; 15 FEET IN 14-FOOT CHANNEL BETWEEN GRAND TRUNK AND TURKEY BRIDGES; 8 FEET IN 12-FOOT CHANNEL IN RACK COVE. PROJECT DEPTH: 45 FEET FROM OPEN OCEAN TO PORTLAND PIPELINE CORP. TERMINAL; 45 FOOT ANCHORAGE TO A & M P R BRIDGE. OTHER CHANNELS RANGE FROM 12 TO 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	28,844,110	494,977	1978	22,165,303	569,557
1974	27,606,379	547,063	1979	13,242,431	575,935
1975	27,565,807	536,834	1980	12,887,571	577,572
1976	24,373,621	535,471	1981	14,752,985	565,487
1977	18,326,110	535,010	1982	10,845,744	86,349

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	LOCAL
				RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL	10,455,784	7,069,651	4,792	1,022,524	254,043	16,177	89,597
0121 TOBACCO, LF&F	5	5					
0129 FIELD CROPS, NEC	1		1				
0131 FRESH FRUITS	84		84				
0132 BANANAS AND PLANTAINS	43		43				
0133 COFFEE	16		16				
0141 FRESH AND FROZEN VEGETABLES	3		3				
0151 LIVE ANIMALS	28		28				
0911 FRESH FISH, EXCEPT SHELLFISH	16,338		161			16,177	
0912 SHELLFISH, EXCEPT PREPARED	146		146				
1011 IRON ORE AND CONCENTRATES	310		310				
1121 COAL AND LIGNITE	133,231			131,231			
1311 CRUDE PETROLEUM	5,978,455	5,942,839		35,616			
1411 CLAY	14		14				
2014 TALLOW, ANIMAL FATS AND OILS	2		2				
2015 ANIMAL BY-PRODUCTS, NEC	6	6					
2031 FISH AND SHELLFISH, PREPARED	12		12				
2034 VEGETABLES AND PREP, NEC	17		17				
2039 PREP FRUIT AND VEG JUICE, NEC	34		34				
2042 ANIMAL FEEDS	256		256				
2081 ALCOHOLIC BEVERAGES	83	81					
2099 MISCELLANEOUS FOOD PRODUCTS	74		24				
2111 TOBACCO MANUFACTURES	1		1				
2211 BASIC TEXTILE PRODUCTS	93		93				
2311 APPAREL	5		5				
2401 WOOD MANUFACTURES, NEC	127		127				
2511 FURNITURE AND FIXTURES	3		3				
2631 PAPER AND PAPERBOARD	216		216				
2691 PULP AND PAPER PRODUCTS, NEC	207		207				
2711 PRINTED MATTER	161		161				
2819 BASIC CHEMICALS AND PROD, NEC	36		36				
2821 PLASTIC MATERIALS	218		218				
2822 SYNTHETIC RUBBER	667		667				
2823 SYNTHETIC (MAN-MADE) FIBERS	5	5					
2831 DRUGS	1		1				
2841 SOAP	3		3				
2851 PAINTS	9		9				
2861 GUM AND WOOD CHEMICALS	300,154	300,153	1				
2871 NITROGENOUS CHEM FERTILIZERS	2,500	2,500					

NEW ENGLAND DIVISION

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PORTLAND HARBOR, MAINE--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	
2991 MISCELLANEOUS CHEMICAL PROD.....	93		93				
2911 GASOLINE.....	1,730,969	34,176		1,566,105	125,380		5,304
2912 JET FUEL.....	18,142			18,142			
2913 KEROSENE.....	118,699			98,201	18,243		2,215
2914 DISTILLATE FUEL OIL.....	1,207,664	98,972		1,010,719	106,197		35,776
2915 RESIDUAL FUEL OIL.....	837,127	868,974		118,404	3,815		45,930
2918 ASPHALT, TAR, AND PITCHES.....	58,518	24,887		33,631			
2991 PETROLEUM AND COAL PROD, NEC.....	8,843			8,475	368		
3011 RUBBER AND MISC PLASTIC PROD.....	124		124				
3111 LEATHER AND LEATHER PRODUCTS.....	2		2				
3211 GLASS AND GLASS PRODUCTS.....	21		21				
3251 STRUCTURAL CLAY PRODUCTS.....	41		41				
3291 MISC NONMETALLIC MINERAL PROD.....	37		37				
3310 IRON AND STEEL PLATES, SHEETS.....	4		4				
3317 IRON AND STEEL PIPE AND TUBE.....	54		54				
3321 NONFERROUS METALS, NEC.....	46		46				
3324 ALUMINUM AND ALLOYS, UNWORKED.....	39		39				
3411 FABRICATED METAL PRODUCTS.....	237		237				
3511 MACHINERY, EXCEPT ELECTRICAL.....	677	1	676				
3611 ELECTRICAL MACH AND EQUIP.....	183	50	133				
3711 MOTOR VEHICLES, PARTS, EQUIP.....	55		55				
3721 AIRCRAFT AND PARTS.....	3		3				
3731 SHIPS AND BOATS.....	12		12				
3791 MISC TRANSPORTATION EQUIPMENT.....	9		9				
3811 INSTR, TIME, PHOTO, OPT GOODS.....	38		38				
3911 MISC MANUFACTURED PRODUCTS.....	37		37				
4022 TEXTILE WASTE, SCRAP, SWEEP.....	223		223				
4112 COMMODITIES, NEC.....	371		7				364
TOTAL TON-MILES, 18,496,868.							

PORTSMOUTH HARBOR, N. H.

SECTION INCLUDED: FROM MOUTH TO LEXINGTON, N. H., ON THE WEST BANK OF THE PISCATAQUA RIVER. CONTROLLING DEPTH: 33.0 FEET IN THE 35-FOOT CHANNEL TO SIMPLEX DOCK; THENCE 30 FEET TO UPSTREAM LIMIT. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER OVER LEDGES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973.....	2,314,900		1978.....	3,405,303	102,584
1974.....	2,366,290		1979.....	3,519,926	120,568
1975.....	2,941,303		1980.....	2,743,741	51,160
1976.....	3,143,313	77,588	1981.....	3,022,214	191,800
1977.....	3,899,854	94,288	1982.....	2,267,083	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL-----	2,267,083	1,181,731	157,657	906,268	13,865	1,427	5,735
0121 TOBACCO, LEAF-----	1,775	1,775					
0131 FRESH FRUITS-----	573		573				
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,829	2				1,827	
1091 NONFERROUS ORES, CONCENT, NEC-----	11,024	11,024					
1411 LIMESTONE-----	139,868	139,868					
1412 BUILDING STONE, UNWORKED-----	65		65				
1491 SALT-----	287,823	287,823					
2031 FISH AND SHELLFISH, PREPARED-----	51	51					
2039 PREP FRUIT AND VEG JUICE, NFC-----	210		210				
2081 ALCOHOLIC BEVERAGES-----	5,550	5,550					
2099 MISCELLANEOUS FOOD PRODUCTS-----	21		21				
2211 BASIC TEXTILE PRODUCTS-----	12	10	2				
2421 LUMBER-----	1,114	1,036	78				
2491 WOOD MANUFACTURES, NEC-----	18	7	15				
2511 FURNITURE AND FIXTURES-----	5	2	3				
2631 PAPER AND PAPERBOARD-----	683		683				
2691 PULP AND PAPER PRODUCTS, NEC-----	4	4					
2711 PRINTED MATTER-----	1	1					
2919 BASIC CHEMICALS AND PROD, NEC-----	36	36					
2821 PLASTIC MATERIALS-----	44		44				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	6		6				
2841 SOAP-----	11		11				
2851 PAINTS-----	91	91					
2901 MISCELLANEOUS CHEMICAL PROD-----	6	6					
2911 GASOLINE-----	214,100			214,100			
2912 JET FUEL-----	80,769			78,350	6,419		
2913 KEROSENE-----	28,018			28,018			
2914 DISTILLATE FUEL OIL-----	540,478	98,978		428,419	7,446		5,735
2915 RESIDUAL FUEL OIL-----	683,983	566,378		117,605			
2918 ASPHALT, TAR, AND PITCHES-----	77,163	33,888		43,275			
2921 LIQUEFIED GASES-----	26,819	28,810					
3011 RUBBER AND MISC PLASTIC PROD-----	24	16	10				

Waterborne Commerce of the United States, 1982

PORTSMOUTH HARBOR, N. H.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS	
3111 LEATHER AND LEATHER PRODUCTS-----	733	400	333	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,435	1,435	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	22	22	-----	-----	-----	-----	-----
3314 IRON AND STEEL PLATES, SHEETS-----	838	838	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	2	2	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	1,988	1,988	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NPC-----	811	811	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	3,783	-----	3,783	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	188	188	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	39	39	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	910	868	42	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	187	88	99	41	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	354	273	81	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	42	42	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	40	40	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	151,427	-----	151,427	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	252	-----	252	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	6	6	-----	-----	-----	-----	-----
TOTAL TON-MILES, 8,450,310.							

SALEM HARBOR, MASS.

SECTION INCLUDED: WESTERLY SHORE OF HARBOR INCLUDING SOUTH RIVER. CONTROLLING DEPTH: 30 FEET AT MEAN LOW WATER IN THE 32-FOOT CHANNEL, 4 FEET IN THE 8-FOOT CHANNEL AND BASIN, AND 8 FEET IN THE 10-FOOT CHANNEL. PROJECT DEPTH: MAIN CHANNEL 32 FEET AT MEAN LOW WATER, SOUTH RIVER CHANNEL ABOUT 0.5 MILE LONG AND 10 FEET DEEP FROM THIS DEPTH IN THE HARBOR TO ABOUT OPPOSITE THE OUTER END OF DERRY WHARF, THENCE TO 8 FEET AND THEN 6 FEET DEEP. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	1,800,180	60,608	1978-----	1,887,230	-----
1974-----	2,030,773	46,774	1979-----	1,988,298	5,690
1975-----	1,936,086	11,668	1980-----	1,556,768	2,108
1976-----	1,651,062	19,468	1981-----	1,228,280	37,982
1977-----	1,448,636	6,982	1982-----	929,018	-----

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		IMPORTS	COASTWISE RECEIPTS	SHIPMENTS
TOTAL-----	929,018	522,461	397,078	13,883
1121 COAL AND LIGNITE-----	11,600	-----	-----	11,600
2013 KEROSENE-----	1,883	-----	-----	1,883
2014 DISTILLATE FUEL OIL-----	164,213	18,020	146,193	-----
2015 RESIDUAL FUEL OIL-----	752,190	504,461	247,749	-----
2991 PETROLEUM AND COAL PROD, NEC-----	132	-----	132	-----
TOTAL TON-MILES, 1,850,036.				

PORT OF BOSTON, MASS.

SECTION INCLUDED: BOSTON HARBOR, INCLUDING ALL THE TIDEWATER LYING WITHIN A LINE FROM POINT ALLERTON TO POINT SMIRLEY, AND EXTENDING WESTWARD TO THE MAINLAND, COMPRISING AN AREA OF APPROXIMATELY 47 SQUARE MILES. CONTROLLING DEPTH: MAIN SHIP CHANNEL TO COMMONWEALTH PIER NO. 1, 30.7 FEET. OTHER CHANNELS RANGE FROM 15 TO 40 FEET. PRESIDENT ROADS ANCHORAGE, 35 FEET. PROJECT DEPTH: A CHANNEL 40 FEET DEEP IN GENERAL, BUT 45 FEET THROUGH ROCK 900 FEET WIDE, WIDENING AT THE OUTER END TO 1,100 FEET FROM THE SEA TO PRESIDENT ROADS, THROUGH ROAD SOUND. OTHER CHANNELS RANGE FROM 15 TO 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	27,056,868	407,134	1978-----	26,073,590	238,499
1974-----	25,728,945	476,353	1979-----	26,362,672	260,464
1975-----	24,719,492	566,603	1980-----	22,033,922	113,235
1976-----	26,172,842	724,677	1981-----	20,306,890	365,117
1977-----	25,975,274	628,921	1982-----	17,593,627	303,483

NEW ENGLAND DIVISION

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PORT OF BOSTON, MASS.--CONTINUED

FREIGHT TRAFFIC, 1942

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	
TOTAL	17,593,627	4,740,215	497,916	11,124,562	802,540	7,737	420,817
0105 RICE	11			11			
0106 SORGHUM GRAINS	87		87				
0119 OILSEEDS, NEC	4						
0121 TOBACCO, LEAF	5,937	5,937					
0122 HAY AND FODDER	8						
0129 FIELD CROPS, NEC	3						
0131 FRESH FRUITS	1,790	62	1,737				
0133 COFFEE	1,329	1,329					
0141 FRESH AND FROZEN VEGETABLES	191	134	53				
0161 ANIMALS AND PRODUCTS, NEC	6,002	5,500	442				
0191 MISCELLANEOUS FARM PRODUCTS	234	222	12				
0841 CRUDE RUBBER AND ALLIED GUMS	6,921	6,898	23				
0861 FOREST PRODUCTS, NEC	430	579	251				
0911 FRESH FISH, EXCEPT SHELLFISH	50,650	40,071	1,942			7,737	
0912 SHELLFISH, EXCEPT PREPARED	1,969	1,328	625		16		
1011 IRON ORE AND CONCENTRATES	67		67				
1051 ALUMINUM ORES, CONCENTRATES	378	102	276				
1091 NONFERROUS ORES, CONCENT, NFF	42		42				
1121 COAL AND LIGNITE	1						
1411 LIMESTONE	142,308	142,306	2				
1442 SAND, GRAVEL, CRUSHED ROCK	495	300	395				
1451 CLAY	1,180	1,062	118				
1471 PHOSPHATE ROCK	147		147				
1491 SALT	293	184	99				
1492 SULPHUR, DRY	17		17				
1499 NONMETALLIC MINERALS, NEC	2,029	1,423	426	180			
1911 ORDINANCE AND ACCESSORIES	30	30	5				
2011 MEAT, FRESH, CHILLED, FROZEN	8,170	7,906	242	22			
2012 MEAT AND PRODUCTS, NEC	1,802	1,501	67	238			
2014 TALLOW, ANIMAL FATS AND OILS	31,528		31,528				
2015 ANIMAL BY-PRODUCTS, NEC	5,360	4,280	846	104			
2021 DAIRY PRODUCTS, NEC	1,024	992	32				
2022 DRIED MILK AND CREAM	23	23					
2031 FISH AND SHELLFISH, PREPARED	8,000	5,124	2,876				
2034 VEGETABLES AND PREP, NEC	4,175	3,558	129	88			
2039 PREP FRUIT AND VEG JUICE, NEC	8,051	5,386	1,847	858			
2042 ANIMAL FEEDS	515	332	183				
2049 GRAIN MILL PRODUCTS, NEC	1,295	1,140	73	43			
2061 SUGAR	414,402	374,477		39,565			
2062 MOLASSES	13,378	4,473	7	4,898			
2081 ALCOHOLIC BEVERAGES	40,910	64,906	547	15,417			
2091 VEGETABLE OILS, MARG, SHORT	9,946	2,543	45	7,378			
2092 ANIMAL OILS AND FATS, NEC	51	51					
2099 MISCELLANEOUS FOOD PRODUCTS	5,652	5,004	549	10			
2111 TOBACCO MANUFACTURES	14	10	4				
2211 BASIC TEXTILE PRODUCTS	7,284	3,418	3,710	154			
2212 TEXTILE FINERS, NEC	293	93	8	152			
2311 APPAREL	711	557	154				
2411 LOGS	783		783				
2413 FUEL WOOD, CHARCOAL, WASTES	17		17				
2421 LUMBER	42,729	24,476	13,753				
2431 VENEER, PLYWOOD, WORKED WOOD	3,224	3,138	86				
2491 WOOD MANUFACTURES, NEC	960	800	162				
2511 FURNITURE AND FIXTURES	8,179	7,364	799	36			
2611 PULP	1,328	23	1,305				
2631 PAPER AND PAPERBOARD	25,687	5,400	20,247				
2691 PULP AND PAPER PRODUCTS, NFF	3,272	1,759	1,513				
2711 PRINTED MATTER	1,883	1,077	806				
2810 SODIUM HYDROXIDE	4,014		4,014				
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,797		7	1,044	746		
2812 DYES, PIGMENT, TANNING MATS	364		363	1			
2813 ALCOHOLS	9		9				
2816 RADIOACTIVE MATERIALS, WASTES	1		1				
2819 BASIC CHEMICALS AND PROD, NEC	18,591	11,534	7,053				
2821 PLASTIC MATERIALS	15,344	4,424	6,916				
2822 SYNTHETIC RUBBER	1,834		1,834				
2823 SYNTHETIC (MAN-MADE) FIBERS	5,451	5,353	98				
2831 DRUGS	145	79	66				
2841 SOAP	6,635	1,077	5,548	10			
2851 PAINTS	5,339	4,267	1,072				
2861 GUM AND WOOD CHEMICALS	179	154	21				
2871 NITROGENOUS CHEM FERTILIZERS	663	663					
2873 PHOSPHATIC CHEM FERTILIZERS	43	43					
2876 INSECTICIDES, DISINFECTANTS	407	47	320				
2879 FERTILIZER AND MATERIALS, NFF	5	5					
2891 MISCELLANEOUS CHEMICAL PROD	6,166	3,585	2,581				
2911 GASOLINE	5,634,181	492,240	317	4,140,224	242,041		64,324
2912 JET FUEL	915,378			857,187	49,190		8,980
2913 KEROSENE	107,369			71,464	32,273		3,628
2914 DISTILLATE FUEL OIL	4,322,521	507,947		3,187,444	304,595		322,323
2915 RESIDUAL FUEL OIL	3,450,727	1,622,010		1,796,124	101,126		21,467
2916 LUBRICATING OILS AND GREASES	50,471	1,452	1,122	47,497			
2917 NAPHTHA, PETROLEUM SOLVENTS	13,146			10,704	2,442		
2918 ASPHALT, TAR, AND BITUMENS	263,264		12	260,957	2,299		
2920 COKE, PETROLEUM COKE	4						
2921 LIQUEFIED GASES	771,794	770,401	891				
2951 ASPHALT BUILDING MATERIALS	190,018	1	26	168,672	27,319		
2991 PETROLEUM AND COAL PROD, NFF	5,905	3,785	2,014	42			
3011 RUBBER AND MSC PLASTIC PROD	22,438	11,494	11,431	13			
3111 LEATHER AND LEATHER PRODUCTS	8,154	5,054	1,100				
3211 GLASS AND GLASS PRODUCTS	248,403			248,403			
3241 BUILDING CEMENT							

Waterborne Commerce of the United States, 1982

PORT OF BOSTON, MASS.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	
3251 STRUCTURAL CLAY PRODUCTS-----	4,890	4,787	103	-----	-----	-----	
3271 LIME-----	77	77	77	-----	-----	-----	
3281 CUT STONE AND STONE PRODUCTS-----	794	794	-----	-----	-----	-----	
3291 MISC NONMETALLIC MINERAL PROD-----	2,264	1,134	1,122	4	-----	-----	
3315 IRON, STEEL SHAPES, EXC SHEET-----	4,843	4,777	66	-----	-----	-----	
3316 IRON AND STEEL PLATES, SHEETS-----	1,449	860	589	-----	-----	-----	
3317 IRON AND STEEL PIPE AND TUBE-----	935	896	39	-----	-----	-----	
3318 FERROALLOYS-----	13	13	-----	-----	-----	-----	
3319 IRON AND STEEL PRODUCTS, NEC-----	3,382	1,531	217	1,634	-----	-----	
3321 NONFERROUS METALS, NEC-----	1,108	674	409	25	-----	-----	
3322 COPPER ALLOYS, UNWORKED-----	4,968	4,510	180	269	-----	-----	
3323 LEAD AND ZINC, UNWORKED-----	224	105	119	-----	-----	-----	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,791	2,565	228	-----	-----	-----	
3411 FABRICATED METAL PRODUCTS-----	19,273	15,962	4,502	309	500	-----	
3511 MACHINERY, EXCEPT ELECTRICAL-----	20,800	13,440	7,192	177	-----	-----	
3611 ELECTRICAL MACH AND EQUIP-----	10,083	4,162	5,914	7	-----	-----	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	77,239	76,744	180	315	-----	-----	
3721 AIRCRAFT AND PARTS-----	152	11	141	-----	-----	-----	
3731 SHIPS AND BOATS-----	1,335	1,091	244	-----	-----	-----	
3791 MISC TRANSPORTATION EQUIPMENT-----	100	94	4	-----	-----	-----	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	7,022	1,493	5,529	-----	-----	-----	
3911 MISC MANUFACTURED PRODUCTS-----	8,916	6,339	2,575	2	-----	-----	
4011 IRON AND STEEL SCRAP-----	309,393	1	309,392	-----	-----	-----	
4012 NONFERROUS METAL SCRAP-----	4,337	279	4,058	-----	-----	-----	
4022 TEXTILE WASTE, SCRAP, SHEEP-----	3,621	128	3,493	-----	-----	-----	
4024 PAPER WASTE AND SCRAP-----	19,494	1,013	18,481	-----	-----	-----	
4112 COMMODITIES, NEC-----	50,357	1,476	804	47,794	-----	-----	
9999 DEPARTMENT OF DEFENSE AND SCI-----	2	-----	2	-----	-----	-----	

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM A POINT IN PRESIDENT ROADS BETWEEN DEER ISLAND AND LONG ISLAND TO THE MOUTH OF FT. POINT CHANNEL, CHARLES RIVER, LITTLE MYSTIC RIVER, MYSTIC RIVER, AND CHELSEA RIVER, CONTROLLING DEPTH: 38 FEET IN 40-FOOT CHANNEL TO MYSTIC PIEN NO. 11 33.4 FEET IN THE 35-FOOT AREA AND 34 FEET IN THE 40-FOOT EXTENSION TO PRESIDENT ROADS ANCHORAGE; 37 FEET IN THE 40-FOOT ANCHORAGE, ALL AT MEAN LOW WATER. PROJECT DEPTH: 35 AND 40 FEET FROM PRESIDENT ROADS TO THE MOUTH OF FT. POINT CHANNEL, CHARLES RIVER, LITTLE MYSTIC RIVER, AND CHELSEA RIVER; 40 FEET IN PRESIDENT ROADS ANCHORAGE AND ANCHORAGE EXTENSIONS; 35 FEET FROM MOUTH OF RESERVED CHANNEL TO L STREET BRIDGE. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	9,855,861	392,954	15,312,702	1978-----	10,195,640	216,269	14,246,342
1974-----	9,031,173	475,095	14,786,972	1979-----	10,344,597	258,214	14,558,606
1975-----	7,989,654	543,891	14,829,280	1980-----	7,413,905	113,235	13,264,774
1976-----	9,347,214	721,227	15,231,563	1981-----	5,694,053	360,637	13,287,868
1977-----	9,152,231	626,671	14,690,284	1982-----	3,827,030	393,483	12,384,487

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS		
TOTAL-----	3,827,030	1,220,254	182,979	2,056,712	126,141	7,737	233,203
0105 RICE-----	11	-----	-----	11	-----	-----	-----
0106 SORGHUM GRAINS-----	67	-----	67	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	4	2	2	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	5,919	5,919	-----	-----	-----	-----	-----
0122 HAY AND FODDER-----	8	-----	-----	8	-----	-----	-----
0129 FIELD CROPS, NEC-----	3	3	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	1,799	62	1,737	-----	-----	-----	-----
0133 COFFEE-----	1,329	1,329	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	191	138	53	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	5,898	5,495	413	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	234	222	12	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	6,770	6,747	23	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	828	579	249	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	15,214	5,648	1,633	-----	-----	7,737	-----
0912 SHELLFISH, EXCEPT PREPARED-----	507	416	155	16	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	67	-----	67	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	378	102	276	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	42	-----	42	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	1	1	-----	-----	-----	-----	-----
1411 LIMESTONE-----	13,412	13,410	2	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	695	300	395	-----	-----	-----	-----
1451 CLAY-----	1,179	1,062	117	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	147	-----	147	-----	-----	-----	-----
1491 SALT-----	100	1	99	-----	-----	-----	-----
1492 SULPHUR, DRY-----	17	-----	17	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	2,012	1,416	416	180	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	34	34	4	-----	-----	-----	-----

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FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COAST-WIRE RECEIPTS	INLAND SHIPMENTS	
2011 MEAT, FRESH, CHILLED, FROZEN	8,150	7,906	222	27		
2012 MEAT AND PRODUCTS, NEC	1,802	1,501	67	234		
2014 TALLOW, ANIMAL FATS AND OILS	31,528		31,528			
2015 ANIMAL BY-PRODUCTS, NEC	5,331	4,280	857	194		
2021 DAIRY PRODUCTS, NEC	1,024	992		32		
2022 DRIED MILK AND CREAM	23	23				
2031 FISH AND SHELLFISH, PREPARED	4,671	3,467	1,209			
2034 VEGETABLES AND FRUP, NEC	4,156	3,554	110	480		
2039 RIPE FRUIT AND VEG JUICE, NEC	7,910	5,006	1,706	859		
2042 ANIMAL FIBERS	51	332	179			
2049 GRAIN MILL PRODUCTS, NEC	1,241	1,105	73	63		
2061 SUGAR	74,873	74,873				
2062 MOLASSES	13,374	4,473	7	4,404		
2061 ALCOHOLIC BEVERAGES	80,694	64,712	569	14,417		
2091 VEGETABLE OILS, MARG, SHORT	2,551	2,504	45			
2092 ANIMAL OILS AND FATS, NEC	24	24				
2099 MISCEL/LANFOUS FOOD PRODUCTS	5,445	5,044	542	19		
2111 TOBACCO MANUFACTURES	14	10	4			
2211 BASIC TEXTILE PRODUCTS	7,170	3,416	3,504	156		
2212 TEXTILE FINERS, NEC	253	93	8	152		
2311 APPAREL	710	554	156			
2411 LOGS	740		740			
2413 FUEL WOOD, CHARCOAL, WASTES	17		17			
2421 LUMBER	42,160	24,976	13,184			
2431 VENEER, PLYWOOD, WORKER WOOD	3,224	3,134	86			
2491 WOOD MANUFACTURES, NEC	926	539	379			
2511 FURNITURE AND FIXTURES	4,033	7,212	379	36		
2611 PULP	1,319	14	1,305			
2631 PAPER AND PAPERBOARD	24,014	5,400	19,614			
2691 PULP AND PAPER PRODUCTS, NEC	3,211	1,712	1,899			
2711 PRINTED MATTER PRODUCTS, NEC	1,645	1,074	791			
2811 CRUDE TAR, OIL, GAS PRODUCTS	7		7			
2812 DYES, PIGMENT, TANNING MATS	346		345	1		
2813 ALCOHOLS	4		4			
2814 RADIOACTIVE MATERIALS, WASTES	1		1			
2819 BASIC CHEMICALS AND PRND, NEC	13,156	4,360	6,796			
2821 PLASTIC MATERIALS	15,053	4,327	6,726			
2822 SYNTHETIC RUBBER	1,783		1,783			
2823 SYNTHETIC (MAN-MADE) FIBERS	5,429	5,331	98			
2831 DRUGS	145	70	66			
2841 SOAP	6,541	1,077	5,494	10		
2851 PAINTS	5,263	4,253	1,010			
2861 GUM AND WOOD CHEMICALS	179	154	21			
2871 NITROGENOUS CHEM FERTILIZERS	683	683				
2873 PHOSPHATIC CHEM FERTILIZERS	683	683				
2874 INSECTICIDES, DISINFECTANTS	407	87	320			
2879 FERTILIZER AND MATERIALS, NEC	4	4				
2891 MISCELLANEOUS CHEMICAL PRD	6,049	5,565	2,444			
2911 GASOLINE	506,517	82,680	317	347,937	31,492	43,891
2912 JET FUEL	43,172			36,561	4,152	2,439
2914 DISTILLATE FUEL OIL	1,153,751	79,014		845,597	52,057	176,193
2915 RESIDUAL FUEL OIL	1,318,836	523,402		744,407	37,940	10,597
2916 LUBRICATING OILS AND GREASES	2,960	71	1,093	1,796		
2918 ASPHALT, TAR, AND BITUMENS	12		12			
2920 COKE, PETROLEUM COKE	4	4				
2921 LIQUEFIED GASES	63,580	62,649	891			
2951 ASPHALT BUILDING MATERIALS	41		22	39		
2991 PETROLEUM AND COAL PRD, NEC	4,864	1	4,441			
3011 RUBBER AND MISC PLASTIC PRD	5,770	3,735	1,933	82		
3111 LEATHER AND LEATHER PRODUCTS	22,494	11,490	11,395	13		
3211 GLASS AND GLASS PRODUCTS	6,132	4,058	1,074			
3251 STRUCTURAL CLAY PRODUCTS	4,848	4,848				
3311 LIME	77		77			
3401 CUT STONE AND STONE PRODUCTS	794	794				
3491 MISC NONMETALLIC MINERAL PRD	2,028	960	1,044	4		
3515 IRON, STEEL SHAPES, EXC SHEET	4,843	4,777	46			
3516 IRON AND STEEL PLATES, SHEETS	1,449	1,440	509			
3517 IRON AND STEEL PIPE AND TUBE	926	907	39			
3518 FERRONALLOYS	13	13				
3519 IRON AND STEEL PRODUCTS, NEC	3,341	1,531	216	1,636		
3521 NONFERROUS METALS, NEC	1,099	667	407	25		
3522 COPPER ALLOYS, UNKNOWN	4,968	4,514	140	269		
3523 LEAD AND ZINC, UNKNOWN	224	105	119			
3524 ALUMINUM AND ALLOYS, UNKNOWN	2,764	2,543	225			
3511 FABRICATED METAL PRODUCTS	14,794	13,914	4,367	9	500	
3511 MACHINERY, EXCEPT ELECTRICAL	20,440	13,316	7,047	77		
3511 ELECTRICAL MACH AND EQUIP	9,872	8,152	5,711	7		
3711 MOTOR VEHICLES, PARTS, EQUIP	76,567	74,004	158	315		
3721 AIRCRAFT AND PARTS	152	11	141			
3731 SHIPS AND BOATS	1,330	1,091	210			
3791 MISC TRANSPORTATION EQUIPMENT	100	96	4			
3811 INSTR, TIME, PHOTO, OPT GOODS	6,790	1,474	5,320			
3911 MISC MANUFACTURED PRODUCTS	4,763	6,259	2,502	2		
4011 IRON AND STEEL SCRAP	1,091	1	1,090			
4012 NONFERROUS METAL SCRAP	4,240	270	3,978			
4022 TEXTILE WASTE, SCRAP, SWEEP	3,590	104	3,484			
4024 PAPER WASTE AND SCRAP	14,664	945	17,723			
4112 COMMODITIES, NEC	50,333	1,477	744	47,794		83
9999 DEPARTMENT OF DEFENSE AND SCI	2		2			
TOTAL TON-MILES,						

Waterborne Commerce of the United States, 1982

CHELSEA RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO ABOUT 2.6 MILES UPSTREAM, CONTROLLING DEPTH: FROM MCARDLE BRIDGE TO CHELSEA ST. BRIDGE 33.0 FEET; FROM CHELSEA ST. BRIDGE TO TURNING BASIN 32 FEET. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER FROM THE MOUTH OF THE RIVER TO A POINT OPPOSITE THE MARVAL OIL COMPANY TERMINAL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	8,017,097	-----	1978-----	7,635,740	-----
1974-----	8,104,560	-----	1979-----	7,895,531	-----
1975-----	8,405,238	-----	1980-----	7,203,402	-----
1976-----	7,864,705	-----	1981-----	7,513,060	-----
1977-----	7,335,910	-----	1982-----	7,836,894	-----

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	7,836,894	1,704,603	2,543	5,670,750	145,430	223,132
0041 CRUDE RUBBER AND ALLIED GUMS-----	30	30	-----	-----	-----	-----
0041 FOREST PRODUCTS, NEC-----	2	-----	2	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	19	-----	19	-----	-----	-----
1411 LIMESTONE-----	120,896	120,896	-----	-----	-----	-----
1451 CLAY-----	1	-----	1	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	7	7	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	29	-----	29	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	16	-----	16	-----	-----	-----
2034 VEGETABLES AND FRUIT, NEC-----	19	-----	19	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	70	-----	70	-----	-----	-----
2061 SUGAR-----	295,320	283,935	-----	11,385	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	2	-----	2	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	107	-----	107	-----	-----	-----
2311 APPAREL-----	1	1	-----	-----	-----	-----
2411 LOGS-----	43	-----	43	-----	-----	-----
2421 LUMBER-----	224	-----	224	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	27	1	26	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	14	4	14	-----	-----	-----
2611 PULP-----	4	-----	4	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	304	-----	304	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	4	-----	4	-----	-----	-----
2711 PRINTED MATTER-----	1	-----	1	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	3	-----	3	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	165	-----	165	-----	-----	-----
2821 PLASTIC MATERIALS-----	119	-----	119	-----	-----	-----
2822 SYNTHETIC RUBBER-----	14	-----	14	-----	-----	-----
2841 SOAP-----	27	-----	27	-----	-----	-----
2891 PAINTS-----	37	21	16	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	35	-----	35	-----	-----	-----
2911 GASOLINE-----	3,578,250	508,580	-----	2,862,641	56,751	50,267
2912 KEROSENE-----	635,641	-----	-----	615,417	12,273	7,971
2913 DIESEL FUEL-----	40,721	-----	-----	37,093	-----	3,628
2914 DISTILLATE FUEL OIL-----	2,047,040	428,029	-----	1,401,517	66,004	151,498
2915 RESIDUAL FUEL OIL-----	1,031,564	364,272	-----	646,722	10,302	9,760
2916 LUBRICATING OILS AND GREASES-----	46,130	-----	29	46,101	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	31,854	-----	4	31,854	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	37	13	24	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	12	-----	12	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	4	-----	4	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	232	175	57	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1	-----	1	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	33	-----	33	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	43	-----	43	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	65	-----	65	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	630	630	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	3	-----	3	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	82	-----	82	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	43	-----	43	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	80	-----	80	-----	-----	-----
4090 PAPER WASTE AND SCRAP-----	754	-----	754	-----	-----	-----
4112 COMMODITIES, NEC-----	14	-----	14	-----	-----	-----
TOTAL TON-MILES, 19,487,000.						

MYSTIC RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH OF RIVER TO CRADOCK BRIDGE, MEDFORD, MASS. CONTROLLING DEPTH: FROM MYSTIC BRIDGE TO ESSO DOCK 35 FEET; FROM ESSO DOCK TO AMERICAN SUGAR REFINERY DOCK 34 FEET; FROM AMERICAN SUGAR REFINERY DOCK TO UPSTREAM LIMIT OF 35 FT. CHANNEL, 27 FEET; 13 FEET IN 20-FOOT CHANNEL; 6 FEET IN 6-FOOT CHANNEL; 4 FEET IN 4-FOOT CHANNEL BUT NARROWED IN WIDTH. PROJECT DEPTH: CHANNEL 35 FEET DEEP EXTENDING FROM THE UPPER LIMIT IN 35-FOOT CHANNEL OF BOSTON HARBOR TO 100 FEET DOWNSTREAM OF WALDEN BRIDGE BRANCH CHANNELS RANGE FROM 4 TO 20 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	7,895,722	462	87,840	1978-----	7,250,365	-----	84,540
1974-----	7,521,836	714	119,106	1979-----	7,478,540	-----	70,825
1975-----	7,487,513	176	77,159	1980-----	6,819,545	-----	60,000
1976-----	8,138,842	248	43,792	1981-----	6,325,473	-----	-----
1977-----	8,092,280	-----	67,200	1982-----	6,967,335	-----	-----

NEW ENGLAND DIVISION

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MYSTIC RIVER, MASS. (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1942

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	WCFEPTS	SHIPMENTS	
TOTAL	4,967,335	1,641,516	312,354	2,349,373	510,151	153,941
1121 TOBACCO, LEAF-----	1A	1A				
1121 ANIMAL AND PRODUCTS, NEC-----	104	75	29			
0841 CRUDE RUBBER AND ALLIED GUMS-----	112	112				
0911 FRESH FISH, EXCEPT SHELLFISH-----	35,413	35,423	90			
0912 SHELLFISH, EXCEPT SHELLFISH-----	1,342	912	470			
1491 SALT-----	143	143				
1499 NONMETALLIC MINERALS, NEC-----	10	10				
1911 ORDNANCE AND ACCESSORIES-----	1	1				
2011 MEAT, FRESH, CHILLED, FROZEN-----	20	20				
2031 FISH AND SHELLFISH, PREPARED-----	3,313	1,662	1,651			
2039 PREP FRUIT AND VEG JUICE, NEC-----	62	62				
2042 ANIMAL FEEDS-----	4	4				
2049 GRAIN MILL PRODUCTS, NEC-----	44	44				
2061 SUGAR-----	44,249	16,069		28,180		
2081 ALCOHOLIC BEVERAGES-----	212	194	1A			
2091 VEGETABLE OILS, MARG, SHORT-----	27	37				
2092 ANIMAL OILS AND FATS, NEC-----	27	27				
2099 MISCELLANEOUS FOOD PRODUCTS-----	5					
2211 BASIC TEXTILE PRODUCTS-----	7	2	5			
2221 LUMBER-----	341		341			
2491 WOOD MANUFACTURES, NEC-----	7		7			
2511 FURNITURE AND FIXTURES-----	124	124				
2611 PULP-----	5	5				
2631 PAPER AND PAPERBOARD-----	365		365			
2691 PULP AND PAPER PRODUCTS, NEC-----	57	47	10			
2711 PRINTED MATTER-----	17	3	14			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,700			1,044	746	
2812 DYES, PIGMENT, TANNING MATS-----	15		15			
2813 ALCOHOLS-----	1		1			
2819 BASIC CHEMICALS AND PROD, NEC-----	5,270	5,178	92			
2821 PLASTIC MATERIALS-----	172	101	71			
2822 SYNTHETIC RUBBER-----	41		41			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	22	22				
2841 SOAPS-----	27		27			
2851 PAINTS-----	39	13	26			
2879 FERTILIZER AND MATERIALS, NEC-----	1					
2891 MISCELLANEOUS CHEMICAL PROD-----	82		82			
2911 GASOLINE-----	1,001,710	136,951		672,410	191,949	
2912 JET FUEL-----	244,685			207,149	32,774	4,722
2913 KEROSENE-----	57,989			23,518	32,273	2,198
2914 DISTILLATE FUEL OIL-----	411,685			499,816	167,945	143,924
2915 RESIDUAL FUEL OIL-----	1,014,128	734,336		224,311	52,384	3,097
2916 LUBRICATING OILS AND GREASES-----	1,381	1,381				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	13,166			10,704	7,462	
2918 ASPHALT, TAR, AND BITUMENS-----	263,256			260,957	2,299	
2921 LIQUEFIED GASES-----	708,214	708,214				
2991 PETROLEUM AND COAL PROD, NEC-----	150,170			131,451	27,319	
3011 RUBBER AND MISC PLASTIC PROD-----	9A	37	61			
3111 LEATHER AND LEATHER PRODUCTS-----	24	4	24			
3211 GLASS AND GLASS PRODUCTS-----	22		22			
3241 BUILDING CEMENT-----	284,993			288,493		
3251 STRUCTURAL CLAY PRODUCTS-----	2	2				
3291 MISC NONMETALLIC MINERAL PROD-----	4	3	1			
3317 IRON AND STEEL PIPE AND TUBE-----	9	9				
3319 IRON AND STEEL PRODUCTS, NEC-----	1		1			
3321 NONFERROUS METALS, NEC-----	A	7	1			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	23	20	3			
3411 FABRICATED METAL PRODUCTS-----	96	44	52			
3511 MACHINERY, EXCEPT ELECTRICAL-----	226	124	102			
3611 ELECTRICAL MACH AND EQUIP-----	146	10	136			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	42	20	22			
3731 SHIPS AND BOATS-----	2		2			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	142	15	127			
3911 MISC MANUFACTURED PRODUCTS-----	110	44	66			
4011 IRON AND STEEL SCRAP-----	304,302		304,302			
4012 NONFERROUS METAL SCRAP-----	9	9				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	31	22	9			
4024 PAPER WASTE AND SCRAP-----	6A	68				
4112 COMMODITIES, NEC-----	6	4	2			
TOTAL TON-MILES, 4,967,335.						

WYOMOUTH FORD RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO HEAD OF NAVIGATION. CONTROLLING DEPTH: 34 FEET IN THE 34-FOOT CHANNEL EXCEPT 30 FEET AT RIMON OPPOSITE KING COVE. PROJECT DEPTH: 35 FEET FROM DEEP WATER IN BOSTON HARBOR VIA NANTUCKET CUT AND WINCHEM BAY TO A POINT ABOUT 2,500 FEET ABOVE FORD RIVER BRIDGE 27 FEET IN CHANNEL BETWEEN MITT AND PEDDERS ISLANDS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	1,262,510	84,087	547,532	1978-----	1,418,530	7,504	459,142
1974-----	1,207,811	136,532	650,942	1979-----	1,191,695	2,711	335,232
1975-----	1,333,516	152,503	591,197	1980-----	1,054,736	346	529,097
1976-----	1,202,391	144,250	598,119	1981-----	1,146,066	44,573	367,306
1977-----	1,741,504	154,274	482,357	1982-----	1,007,783	533	303,742

Waterborne Commerce of the United States, 1982

Weymouth Fore River, Mass. (Included in Port of Boston)--Continued

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC COASTWISE		LOCAL
			RECEIPTS	SHIPMENTS	
TOTAL	1,007,783	83,838	809,532	20,458	93,955
2001 VEGETABLE OILS, MARG, SHORT	7,378		7,378		
2810 SODIUM HYDROXIDE	4,014		4,014		
2911 GASOLINE	612,153	83,838	495,818	1,869	30,628
2914 DISTILLATE FUEL OIL	328,764		246,848	18,489	63,327
2915 RESIDUAL FUEL OIL	55,074		55,074		
3411 FARMICATED METAL PRODUCTS	300		300		
3511 MACHINERY, EXCEPT ELECTRICAL	100		100		
TOTAL TON-MILES	10,154,046				

TOWN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM CONFLUENCE WITH WEYMOUTH FORE RIVER, FOR ABOUT 1.5 MILES TO HEAD OF NAVIGATION. CONTROLLING DEPTH: 34 FEET IN THE 35 FOOT CHANNEL; TO THE DOWNSTREAM END OF BAKER'S BASIN LIMIT; AND 34 FEET IN THE 35 FOOT TURNING BASIN. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER FROM WEYMOUTH FORE RIVER TO QUINCY OIL COMPANY TERMINAL, WITH A TURNING BASIN OF 35 FEET DEPTH; THENCE 15 FEET TO JUST BELOW QUINCY LIGHT & POWER COMPANY PLANT.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	547,532	1978	459,182
1974	650,942	1979	338,950
1975	591,180	1980	535,847
1976	601,507	1981	367,206
1977	482,351	1982	303,752

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		LOCAL
		RECEIPTS		
TOTAL	303,752	237,905		65,757
2013 KEROSENE	10,857	10,857		
2914 DISTILLATE FUEL OIL	250,649	193,892		65,757
2915 RESIDUAL FUEL OIL	33,120	33,120		
2901 PETROLEUM AND COAL PROD, NEC	126	126		
TOTAL TON-MILES	303,752			

CAPE COD CANAL, MASS.

SECTION INCLUDED: ENTIRE LENGTH 17.3 MILES; EXTENDING FROM THE OUTER END OF THE NORTHERLY BREAKWATER IN CAPE COD BAY TO A POINT IN BUZZARDS BAY ABOUT 5 MILES SOUTHWEST OF WINGS NECK LIGHT. CONTROLLING DEPTH: 12 FEET IN THE LAND CUT; 32 FEET IN HOBBS ISLAND CHANNEL; 32 FEET IN CLEVELAND LEDGE CHANNEL, BRANCH CHANNEL 15 FEET. EAST ROYAL BASIN: 8 FEET IN THE 8 FOOT SECTION, 12 FEET IN THE 13 FOOT SECTION. PROJECT CHANNEL DEPTH: 12 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	13,651,555	26,433	1978	12,226,618	1,435
1974	13,193,812	24,530	1979	11,247,610	497
1975	11,485,227	25,324	1980	13,459,452	19,608
1976	13,016,499	7,868	1981	12,435,740	10,637
1977	11,281,127	8,711	1982	15,244,821	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL	15,244,821	2,321,949	3,219,766	8,144,748	1,359,358
0105 RICE	11			11	
0122 HAY AND FORAGE	8			8	
0911 FRESH FISH, EXCEPT SHELLFISH	15,345		15,345		
0912 SHELLFISH, EXCEPT PREPARED	16			16	
1121 COAL AND LIGNITE	549,168	65,295		483,873	18,061
1499 NONMETALLIC MINERALS, NEC	396,378		396,198	180	
2011 MEAT, FRESH, CHILLED, FROZEN	522	500		22	
2012 MEAT AND PRODUCTS, NEC	234			234	
2014 TALLOW, ANIMAL FATS AND OILS	6,750	1,250	3,500		

NEW ENGLAND DIVISION

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CAPE COD CANAL, MASS.--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		FASTLOADING	W/STROUD	FASTLOADING	W/STROUD
2015 ANIMAL BY-PRODUCTS, NEC-----	194			194	
2021 DAIRY PRODUCTS, NEC-----	32			32	
2031 FISH AND SHELLFISH, PREPARED-----	7,437		7,437		
2034 VEGETABLES AND PREP, NEC-----	488			488	
2039 PREP FRUIT AND VEG JUICE, NEC-----	458			458	
2049 GRAIN MILL PRODUCTS, NEC-----	61			61	
2061 SUGAR-----	62,063	1,420	32,063	24,160	0,480
2062 MOLASSES-----	4,408			4,408	
2081 ALCOHOLIC BEVERAGES-----	15,017			15,017	
2091 VEGETABLE OILS, MARG, SHORT-----	9,728	2,350		7,378	
2094 GROCERIES-----	650	650			
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,327			1,327	
2211 BASIC TEXTILE PRODUCTS-----	156			156	
2212 TEXTILE FIBERS, NEC-----	152			152	
2421 LUMBER-----	11,050	7,700	3,350		
2491 WOOD MANUFACTURES, NEC-----	8			8	
2511 FURNITURE AND FIXTURES-----	36			36	
2621 STANDARD NEWS-INT PAPER-----	12,506		12,506		
2711 PRINTED MATTER-----	13,173		13,173		
2810 SODIUM HYDROXIDE-----	14,008			11,565	2,443
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,790			1,790	786
2812 DYES, PIGMENT, TANNING MATS-----	1			1	
2817 BENZENE AND TOLUENE-----	6,221		6,221		
2818 SULPHURIC ACID-----	4,983	4,983			
2819 BASIC CHEMICALS AND PROD, NEC-----	13,100	11,750	1,350		
2841 SOAP-----	10			10	
2911 GASOLINE-----	4,405,863	664,056	93,271	3,599,523	250,013
2912 JET FUEL-----	554,486	55,630	21,748	440,300	37,100
2913 KEROSENE-----	161,024	10,436	2,043	128,535	19,970
2914 DISTILLATE FUEL OIL-----	2,570,364	400,265	120,775	1,849,022	115,354
2915 RESIDUAL FUEL OIL-----	2,735,874	180,801	1,330,966	965,045	254,156
2916 LUBRICATING OILS AND GREASES-----	66,708	6,940		30,920	19,440
2917 NAPHTHA, PETROLEUM SOLVENTS-----	21,108			9,576	11,532
2918 ASPHALT, TAR, AND BITUMENS-----	467,360	91,070	19,325	309,566	7,380
2991 PETROLEUM AND COAL PROD, NEC-----	415,957	204,151	31,170	74,336	58,300
3011 RUBBER AND MISC PLASTIC PROD-----	82			82	
3111 LEATHER AND LEATHER PRODUCTS-----	13			13	
3241 BUILDING CEMENT-----	427,934	93,989	3,778	301,066	29,101
3291 MISC NONMETALLIC MINERAL PROD-----	106,073		106,069	4	
3319 IRON AND STEEL PRODUCTS, NEC-----	7,465	5,831		1,634	
3321 NONFERROUS METALS, NEC-----	25			25	
3322 COPPER ALLOYS, UNWORKED-----	269			269	
3411 FABRICATED METAL PRODUCTS-----	9,798	3,807	5,319	350	232
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,099		407	1,037	655
3611 ELECTRICAL MACH AND EQUIP-----	75			75	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	84,581	24,347	54,675	559	
3731 SHIPS AND BOATS-----	149				149
3911 MISC MANUFACTURED PRODUCTS-----	2			2	
4011 IRON AND STEEL SCRAP-----	37,539	8,081	28,558		
4029 WASTE AND SCRAP, NEC-----	7,000		7,000		
4122 COMMODITIES, NEC-----	2,004,430	335,656	897,739	257,420	513,224
TOTAL TON-MILES, 274,406,776.					

FALL RIVER HARBOR, MASS.

SECTION INCLUDES: FROM THE N. Y. N. H. & M. R. R. BRIDGE BETWEEN AQUINNECK ISLAND AND TIVERTON IN A NORTHERLY DIRECTION TO THE STEEL PIER LIGHT IN THE TAUNTON RIVER, CONTROLLING DEPTH: 33 FEET WITH SHOALING ON LIMITS IN THE 35-FOOT CHANNEL, 400 FEET WIDE THROUGH MOUNT HOPE RAY TO THE BRAGA BRIDGE; THENCE 30 FEET IN THE 35-FOOT CHANNEL TO THE WHARVES ABOVE THE BRIDGE; 24 FEET IN THE WEST HALF OF THE 35-FOOT TURNING BASIN; DREDGING IN PROGRESS. PROJECT DEPTH: 40 FEET IN CHANNEL AND TURNING BASIN; 40 FEET ON LOWER END OF MOUNT ISLAND SHOAL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	4,625,362		1978-----	4,820,427	60
1974-----	5,122,184		1979-----	4,798,674	
1975-----	4,834,393	746	1980-----	4,804,081	
1976-----	4,759,073		1981-----	5,635,123	
1977-----	5,248,473		1982-----	2,927,822	

FREIGHT TRAFFIC, 1942

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,927,822	435,133	38	1,921,966	88,789	395,873	64,729	21,292
0001 CRUDE RUBBER AND ALLIED GUMS-----	11,733	11,733	-----	-----	-----	-----	-----	-----
0011 FRESH FISH, EXCEPT SHELLFISH-----	21	-----	21	-----	-----	-----	-----	-----
0012 SHELLFISH, EXCEPT PREPARED-----	1,889	-----	-----	-----	-----	1,889	-----	-----
1101 COAL AND LIGNITE-----	114,567	-----	-----	114,567	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	4,705	-----	-----	4,705	-----	-----	-----	-----
2818 SULPHURIC ACID-----	9,130	-----	-----	9,130	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	14,300	14,300	-----	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1982

FALL RIVER HARBOR, MASS.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2422 SYNTHETIC RUBBER-----	2	-----	2	-----	-----	-----	-----	-----
2911 GASOLINE-----	797,401	73,510	-----	671,895	15,790	28,26A	-----	7,938
2912 JET FUEL-----	1,991	-----	-----	1,991	-----	-----	-----	-----
2913 KEROSENE-----	32,070	-----	-----	18,542	7,444	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	520,014	17,148	-----	331,719	65,155	33,953	5A,695	13,354
2915 RESIDUAL FUEL OIL-----	947,703	314,442	-----	341,323	-----	331,938	-----	-----
2916 LUBRICATING OILS AND GREASES-----	9,634	-----	-----	9,609	-----	25	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	41A,262	-----	-----	41A,262	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	185	-----	-----	145	-----	-----	-----	-----
3511 RUBBER AND MISC PLASTIC PROD-----	1	-----	1	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	13	-----	13	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIPP-----	1	-----	1	-----	-----	-----	-----	-----
TOTAL TON-MILES, 23,234,818.								

PROVIDENCE RIVER AND HARBOR, R. I.

SECTION INCLUDED: THE UPPER PART OF THE HARBOR FROM POPHAM ROCKS LIGHT TO RFD BRIDGE ACROSS BEKONK RIVER ON THE NORTHEAST AND TO CRAWFORD STREET BRIDGE ON THE NORTH. CONTROLLING DEPTHS: 40 FEET IN THE 40-FOOT CHANNEL FROM ARREANT NORTH POINT TO SARIN POINT LIGHT; THENCE 36 FEET FROM SARIN POINT TO HEAD OF HARBOR. PROJECT DEPTHS: AT MEAN LOW WATER, 40 FEET TO FOX POINT.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1973-----	10,236,062	20,120	219,68A	220	197A-----	8,459,495	24,660	-----	240
1974-----	A,856,218	23,110	132,794	16A	1979-----	8,579,917	29,644	-----	93
1975-----	A,266,295	25,96A	64,186	23A	1980-----	7,509,253	31,304	-----	216
1976-----	A,578,297	16,086	49,037	26A	1981-----	7,043,AA2	31,262	-----	222
1977-----	A,624,115	27,326	1A,169	29A	1982-----	6,562,453	34,803	-----	229

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	6,562,453	742,05A	392,391	4,991,703	2A1,460	73,175	37,867	63,799
0121 TOBACCO, LEAF-----	336	336	-----	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	173	-----	173	-----	-----	-----	-----	-----
0133 COFFEE-----	2	-----	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	47	-----	47	-----	-----	-----	-----	-----
0211 FRESH FISH, EXCEPT SHELLFISH-----	194	-----	105	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	3	-----	3	-----	-----	-----	-----	-----
1491 SALT-----	1A8,494	1A4,494	-----	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	A	-----	A	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	21	21	-----	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	15	15	-----	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	278	278	-----	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	54	54	-----	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,43A	1,41A	20	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	20	20	-----	-----	-----	-----	-----	-----
20A1 ALCOHOLIC BEVERAGES-----	4,504	4,504	-----	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	44	44	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	19	-----	19	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	22	14	A	-----	-----	-----	-----	-----
2311 APPAREL-----	4	-----	4	-----	-----	-----	-----	-----
2411 LOGS-----	16,3A8	-----	16,36A	-----	-----	-----	-----	-----
2421 LUMBER-----	29,28A	29,28A	-----	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, BURNED WOOD-----	287	287	-----	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	21	21	-----	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	227	224	3	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	398	297	101	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	11	-----	11	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	7	1	A	-----	-----	-----	-----	-----
2818 SULPHURIC ACID-----	10,907	-----	-----	10,907	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	29,369	29,369	20	-----	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	5	4	1	-----	-----	-----	-----	-----
2841 SOAP-----	14	14	-----	-----	-----	-----	-----	-----
2851 PAINTS-----	925	925	-----	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	19	18	1	-----	-----	-----	-----	-----
2911 GASOLINE-----	2,849,575	31,300	-----	2,787,143	24,763	1,446	908	3,505
2912 JET FUEL-----	5,119	-----	-----	5,119	-----	-----	-----	-----
2913 KEROSENE-----	42,282	-----	-----	33,655	2,583	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	1,412,149	41,101	-----	1,424,246	194,727	56,445	33,953	59,697
2915 RESIDUAL FUEL OIL-----	57A,467	188,243	-----	342,207	5A,059	A,740	2,981	597
2916 LUBRICATING OILS AND GREASES-----	36,650	-----	-----	30,625	-----	-----	25	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	39,254	-----	-----	39,254	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	1A7,970	-----	-----	1A7,970	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	4A,216	48,122	94	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	71	69	2	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	12	-----	12	-----	-----	-----	-----	-----

NEW ENGLAND DIVISION

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PROVIDENCE RIVER AND HARBOR, R. I.--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3211 GLASS AND GLASS PRODUCTS-----	31	19	12	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	137,547	-----	-----	130,547	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	47	47	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, ETC SHEET-----	89,214	89,214	-----	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,136	1,125	11	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	3,554	3,554	-----	-----	-----	-----	-----	-----
3318 FERRALLOYS-----	6,160	-----	6,160	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	76	76	-----	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	2	-----	2	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	4,497	4,497	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	226	225	3	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	919	758	161	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	214	141	73	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	246	48	198	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	81,684	81,683	1	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	16	-----	16	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	43	31	12	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	346,304	-----	346,304	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	1,468	-----	1,468	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	21,011	-----	21,011	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	1,347	19	-----	-----	1,328	-----	-----	-----
TOTAL TON-MILES, 59,052,129.								

NEW LONDON HARBOR, CONN.

SECTION INCLUDED: THE UPPER 2.2 MILES OF THE HARBOR, INCLUDING SHAWNS COVE AND WINTHROP COVE AND ENDING AT A POINT ABOUT 400 FEET ABOVE THE RAILROAD BRIDGE. CONTROLLING DEPTH: 31.0 FEET IN LEFT QUARTER, 33.0 FEET IN MIDDLE HALF AND 29.0 FEET IN RIGHT QUARTER OF THE ENTRANCE CHANNEL FROM LONG ISLAND SOUND TO 600 SEAWARD OF HIGHWAY BRIDGE; 20.0 FEET IN WATERFRONT CHANNEL. BRANCH CHANNELS RANGE FROM 13 TO 20 FEET. PROJECT DEPTH: 33 FEET IN MAIN CHANNEL, 23 FEET IN CHANNEL ALONG NEW LONDON WATERFRONT. BRANCH CHANNELS RANGE FROM 15 TO 23 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1973-----	5,580,298	442,434	536,171	84,826	1978-----	2,439,429	331,339	179,305	97,665
1974-----	4,578,685	235,825	586,187	74,605	1979-----	3,157,705	229,915	328,207	86,550
1975-----	3,480,918	120,074	452,960	17,849	1980-----	2,529,841	267,226	517,171	68,844
1976-----	3,342,238	319,405	427,894	89,558	1981-----	1,782,208	180,718	418,514	15,765
1977-----	2,649,757	339,032	424,833	95,629	1982-----	686,006	351,947	559,216	130,808

FREIGHT TRAFFIC, 1942

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS		
TOTAL-----	686,006	176,173	12,833	416,945	70,697	8	9,350	
0121 TOBACCO, LEAF-----	28	28						
0129 FIELD CROPS, NEC-----	10	10						
0841 CRUDE RUBBER AND ALLIED GUMS-----	583	583						
0912 SHELLFISH, EXCEPT PREPARED-----	8					8		
2011 MEAT, FRESH, CHILLED, FROZEN-----	261	261						
2062 MOLASSES-----	106,987	59,362		4,211	39,414			
2081 ALCOHOLIC BEVERAGES-----	18	18						
2421 LUMBER-----	649	649						
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,231	2,231						
2511 FURNITURE AND FIXTURES-----	5	5						
2611 PULP-----	45,459	41,040	2,419					
2631 PAPER AND PAPERBOARD-----	10,414		10,414					
2810 SODIUM HYDROXIDE-----	6,878			6,878				
2818 SULPHURIC ACID-----	11,850			2,500			9,350	
2819 BASIC CHEMICALS AND PROD, NEC-----	23,334	23,334						
2823 SYNTHETIC (MAN-MADE) FIBERS-----	8,890	8,890						
2913 KEROSENE-----	4,015			4,015				
2914 DISTILLATE FUEL OIL-----	175,617			166,138	9,479			
2915 RESIDUAL FUEL OIL-----	199,748			195,802	3,946			
3315 IRON, STEEL SHAPES, EXC SHEET-----	356	356						
3322 COPPER ALLOYS, UNWORKED-----	82,056	39,406		29,521	13,129			
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,001			2,001				
4029 WASTE AND SCRAP, NEC-----	2,841				2,841			
4112 COMMODITIES, NEC-----	3,767			1,879	1,888			
TOTAL TON-MILES, 3,984,825.								

Waterborne Commerce of the United States, 1982

THAMES RIVER, CONN.

SECTION INCLUDED: FROM A POINT 1,000 FEET ABOVE THE RAILROAD BRIDGE AT NEW LONDON TO NORWICH, CONN. CONTROLLING DEPTH: GENERALLY 25.0 FEET IN 25 FOOT CHANNEL TO ALLYN POINT; THENCE 22 FEET TO 1,500 FEET ABOVE POQUETANICK COVE; THEN 24 FEET UPSTREAM TO NORWICH DIKE; THENCE 11 FEET TO UPSTREAM LIMIT OF PROJECT. CHANNEL WIDENING TO 20 FEET DEPTH OPPOSITE U. S. SUBMARINE BASE, PROJECT DEPTH: 25 FEET TO NORWICH.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	1,343,145	124,348	1978-----	668,149	48,552
1974-----	1,186,054	93,294	1979-----	610,186	-----
1975-----	838,565	63,986	1980-----	748,562	-----
1976-----	634,514	55,426	1981-----	546,907	-----
1977-----	654,827	56,556	1982-----	623,837	-----

* NONE REPORTED.

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	INTERNAL
TOTAL-----	623,837	623,246	591
2919 BASIC CHEMICALS AND PROD, NEC-----	123,120	123,120	-----
2911 GASOLINE-----	38,978	38,978	-----
2913 KEROSENE-----	2,885	2,885	-----
2914 DISTILLATE FUEL OIL-----	86,347	85,776	591
2915 RESIDUAL FUEL OIL-----	372,487	372,487	-----
TOTAL TON-MILES, 3,603,980.			

CONNECTICUT RIVER BELOW HARTFORD, CONN.

SECTION INCLUDED: SAYBROOK TO HARTFORD, CONN., 52 MILES. CONTROLLING DEPTH: GENERALLY 14.0 FEET TO HARTFORD, CONN., AT MEAN LOW WATER, 8 FEET IN ENTRANCE CHANNEL TO NORTH COVE; 8.0 FEET IN ANCHORAGE IN NORTH COVE; 4.3 TO 8 FEET IN CHANNEL AND BASIN IN EIGHT-MILE RIVER; 1 TO 6 FEET IN ANCHORAGE AT HAMMURG. PROJECT DEPTH: 15 FEET AT MEAN LOW WATER, SAYBROOK TO HARTFORD. NAVIGATION SEASON: USUALLY MARCH 15 TO DECEMBER 15.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1973-----	3,487,419	278,274	90,621	1978-----	1,950,599	290,128	114,196
1974-----	3,049,883	343,317	108,934	1979-----	1,414,353	270,964	118,708
1975-----	2,562,245	406,298	109,964	1980-----	1,772,954	329,235	103,234
1976-----	2,229,683	510,281	152,460	1981-----	1,801,032	359,569	107,556
1977-----	2,171,256	295,476	98,124	1982-----	1,545,637	186,840	91,029

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	1,545,637	1,543,515	2,122
2911 GASOLINE-----	650,614	648,492	2,122
2912 JET FUEL-----	25,391	25,391	-----
2913 KEROSENE-----	16,961	16,961	-----
2914 DISTILLATE FUEL OIL-----	216,408	216,408	-----
2915 RESIDUAL FUEL OIL-----	605,937	605,937	-----
2918 ASPHALT, TAR, AND BITUMENS-----	30,326	30,326	-----
TOTAL TON-MILES, 62,662,560.			

NEW ENGLAND DIVISION

17

NEW HAVEN HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR CHANNELS FROM DEEP WATER IN LONG ISLAND SOUND TO THE HEAD OF THE MAIN HARBOR NEAR I-95 BRIDGE, THE UPPER 1.5 MILES OF THE HARBOR, QUINNIPIAC RIVER FROM TOMLINSON BRIDGE TO GRAND AVENUE BRIDGE 1.25 MILES, WEST RIVER FROM THE MOUTH TO A POINT ABOUT 500 FEET ABOVE THE UPSTREAM SIDE OF THE KIMBERLY AVENUE BRIDGE ABOUT 1 MILE, MILL RIVER FROM THE MOUTH TO GRAND AVENUE BRIDGE ABOUT 1,600 FEET. CONTROLLING DEPTH, MAIN CHANNEL: 28 FEET IN LEFT OUTSIDE QUARTER, 28 FEET IN CENTER, 27 FEET IN RIGHT OUTSIDE QUARTER, 14 FEET IN THE QUINNIPIAC RIVER CHANNEL. OTHER CHANNELS RANGE FROM 3 TO 30 FEET. PROJECT DEPTH: MAIN CHANNEL, 35 FEET FROM LONG ISLAND SOUND TO HEAD OF HARBOR. BRANCH CHANNELS RANGE FROM 6 TO 22 FEET. ALL AT MEAN LOW WATER. DREDGING IN OUTER ENTRANCE CHANNEL IN PROGRESS DURING THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	13,709,265		1978	11,867,700	144,960
1974	12,054,957		1979	10,622,395	
1975	11,432,920	94	1980	9,316,328	
1976	11,069,899		1981	9,045,823	
1977	11,119,383	48,542	1982	7,935,063	49,124

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	7,935,063	538,504	197,368	6,541,281	576,954	80,956
0133 COFFEE	2	2				
0912 SHELLFISH, EXCEPT PREPARED	24	24				
1091 NONFERROUS ORES, CONCENT, NEC	13	13				
2099 MISCELLANEOUS FOOD PRODUCTS	50	50				
2211 BASIC TEXTILE PRODUCTS	8	8				
2421 LUMBER	14,815	14,815				
2431 VENEER, PLYWOOD, WORKED WOOD	512	512				
2611 PULP	5,622	870	4,752			
2631 PAPER AND PAPERBOARD	171	171				
2711 PRINTED MATTER	1	1				
2810 SODIUM HYDROXIDE	5,796			5,796		
2813 ALCOHOLS	90,629			90,629		
2818 SULPHURIC ACID	6,700			6,700		
2819 BASIC CHEMICALS AND PROD, NEC	206,859	18,041		188,818		
2831 DRUGS	18		18			
2891 MISCELLANEOUS CHEMICAL PROD	30	20				
2911 GASOLINE	2,799,019	42,825		2,599,967	156,227	
2912 JET FUEL	169,988			169,986	10,592	
2913 KEROSENE	65,857			61,213	4,644	
2914 DISTILLATE FUEL OIL	2,325,774	74,596		1,998,505	171,882	80,791
2915 RESIDUAL FUEL OIL	1,493,347	55,049		1,216,956	221,342	
2916 LUBRICATING OILS AND GREASES	137,609	137,609				
2917 NAPHTHA, PETROLEUM SOLVENTS	46,699			34,432	12,267	
2918 ASPHALT, TAR, AND PITCHES	62,419	5,167		57,252		
2920 COKE, PETROLEUM COKE	11,579	11,579				
2991 PETROLEUM AND COAL PROD, NEC	12,042			11,877		165
3011 RUBBER AND MISC PLASTIC PROD	3	3				
3241 BUILDING CEMENT	109,740			109,740		
3315 IRON, STEEL SHAPES, EXC SHEET	85,102	85,097	5			
3317 IRON AND STEEL PIPE AND TUBE	2,177	2,167	10			
3318 FERROALLOYS	2,468		2,468			
3319 IRON AND STEEL PRODUCTS, NEC	176	176				
3321 NONFERROUS METALS, NEC	8	8	2			
3322 COPPER ALLOYS, UNWORKED	82,924	82,924				
3323 LEAD AND ZINC, UNWORKED	4,222	4,222				
3411 FABRICATED METAL PRODUCTS	455	421	34			
3511 MACHINERY, EXCEPT ELECTRICAL	1,014	996	22			
3611 ELECTRICAL MACH AND EQUIP	236	229	7			
3711 MOTOR VEHICLES, PARTS, EQUIP	520	506	14			
3811 INSTR, TIME, PHOTO, OPT GOODS	1	1				
4011 IRON AND STEEL SCRAP	190,036		190,036			

MOUSATONIC RIVER, CONN.

SECTION INCLUDED: LONG ISLAND SOUND TO DEERY AND SHELTON, CONNECTICUT, TIDAL SECTION ABOUT 14 MILES. CONTROLLING DEPTH: 17 FEET FROM ENTRANCE TO BEACON 471 16.0 FEET TO 1/2 MILE ABOVE ROUTE 1-95 BRIDGE; THENCE 16 FEET TO WITHIN 500 FEET OF CULVERS BAR; THENCE 5 FEET TO UPSTREAM PROJECT LIMIT. PROJECT DEPTH: 18 FEET TO CULVERS BAR AT DEVON, 4.75 MILES; THENCE 7 FEET TO SHELTON, AT MEAN LOW WATER. NAVIGATION SEASON: USUALLY ENTIRE YEAR TO STRATFORD; MARCH 1 TO DECEMBER 31, STRATFORD TO SHELTON.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	796,521	1976	474,441
1974	611,684	1979	243,443
1975	455,473	1980	467,441
1976	429,042	1981	416,227
1977	396,430	1982	474,446

Waterborne Commerce of the United States, 1982

HOUSATONIC RIVER, CONN.--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL-----	478,406	474,424	3,882
1442 SAND, GRAVEL, CRUSHED ROCK-----	24,000	24,000	-----
2015 RESIDUAL FUEL OIL-----	453,072	450,515	2,557
2991 PETROLEUM AND COAL PMOD, NEC-----	1,325	-----	1,325
TOTAL TON-MILES: 2,392,030.			

BRIDGEPORT HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR: FROM INNER BREAKWATERS TO STRATFORD AVENUE BRIDGE ABOUT 4,000 FEET. POQUONOCK RIVER: FROM STRATFORD AVENUE BRIDGE TO HEAD OF NAVIGATION, ABOUT 1 MILE. YELLOW MILL CHANNEL: FROM A POINT ABOUT 1,000 FEET BELOW YELLOW MILL BRIDGE TO THE HEAD OF NAVIGATION, 1 MILE. JOHNSON'S RIVER: FROM THE HIGHWAY BRIDGE TO HEAD OF NAVIGATION, ABOUT 1,600 FEET. BLACK ROCK HARBOR: FROM THE JUNCTION OF RIVER AND CEDAR CREEKS TO HEAD OF NAVIGATION, ABOUT 4,000 FEET. CONTROLLING DEPTH: 34 FEET TO BRIDGEPORT LIGHT, THENCE 32 FEET TO UPSTREAM LIMIT OF THE 35-FOOT MAIN CHANNEL; 11 FEET IN THE POQUONOCK RIVER CHANNEL; 13.5 FEET IN JOHNSON RIVER TO NORTH END OF CHANNEL, THENCE 13.5 FEET TO ABOUT 1,600 FEET DOWNSTREAM OF STRATFORD AVENUE BRIDGE, THENCE 24 FEET TO THE BRIDGE. BRANCH CHANNELS RANGE FROM 3 TO 15 FEET. PROJECT DEPTHS: MAIN HARBOR: 35 FEET FROM LONG ISLAND SOUND TO ABOUT 720 FEET BELOW STRATFORD AVENUE BRIDGE. BRANCH CHANNELS RANGE FROM 6 TO 14 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1973-----	3,553,980	201,894	50,304	1976-----	3,735,609	41,630	25,045
1974-----	3,295,195	146,802	36,478	1977-----	3,243,301	175,656	50,786
1975-----	2,860,171	144,510	40,614	1980-----	3,194,618	-----	-----
1976-----	3,265,113	124,174	45,014	1981-----	3,212,451	193,534	60,260
1977-----	3,495,140	74,007	24,343	1982-----	2,722,443	101,206	30,190

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
TOTAL-----	2,722,643	404,158	17,682	1,763,268	119,324	18,211
1311 CRUDE PETROLEUM-----	11,767	11,767				
1411 LIMESTONE-----	1	1				
1442 SAND, GRAVEL, CRUSHED ROCK-----	34,743			34,743		
2021 DAIRY PRODUCTS, NEC-----	17	17				
2211 BASIC TEXTILE PRODUCTS-----	11	11				
2311 APPAREL-----	3	3				
2421 LUMBER-----	17,686	17,686				
2431 VENEER, PLYWOOD, WORKED WOOD-----	3,389	3,389				
2711 PRINTED MATTER-----	1	1				
2911 GASOLINE-----	795,210	55,522		736,146	3,502	
2913 KEROSENE-----	1,235			1,235		
2914 DISTILLATE FUEL OIL-----	426,749			426,749		
2915 RESIDUAL FUEL OIL-----	1,004,121	321,864		548,224	115,422	18,211
2916 LUBRICATING OILS AND GREASES-----	3,284			3,284		
3314 IRON AND STEEL PRIMARY FORMS-----	119	119				
3315 IRON, STEEL SHAPES, EXC SHEET-----	331,740	331,740				
3316 IRON AND STEEL PLATES, SHEETS-----	54	54				
3317 IRON AND STEEL PIPE AND TUBE-----	14,407	18,407				
3318 FERROALLOYS-----	2,535	2,535				
3319 IRON AND STEEL PRODUCTS, NEC-----	286	286				
3321 NONFERROUS METALS, NEC-----	104	104				
3322 COPPER ALLOYS, UNWORKED-----	22,506	5,891	4,464	7,741		
3323 LEAD AND ZINC, UNWORKED-----	34,404	33,310		1,096		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	395	395				
3411 FABRICATED METAL PRODUCTS-----	940	940				
3511 MACHINERY, EXCEPT ELECTRICAL-----	1	1				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1	1				
3731 SHIPS AND BOATS-----	13	13				
3791 MISC TRANSPORTATION EQUIPMENT-----	86	86				
4011 IRON AND STEEL SCRAP-----	4,414		4,414			
4112 COMMODITIES, NEC-----	7	7				

NEW ENGLAND DIVISION

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NORWALK HARBOR, CONN.

SECTION INCLUDED: FROM A POINT 0.5 MILE BELOW WASHINGTON STREET BRIDGE TO HEAD OF NAVIGATION AT EAST NORWALK AND NORWALK. CONTROLLING DEPTH: 8.0 FEET IN THE 12-FOOT CHANNEL FROM LONG ISLAND SOUND TO OPPOSITE DOWNSTREAM END OF 10 FOOT ANCHORAGE, THENCE 7 FEET TO THE WASHINGTON BRIDGE; 7 FEET IN THE 10-FOOT CHANNEL. 10 FOOT ANCHORAGE; 1 IN FEET ANCHORAGE. PROJECT DEPTH: 12 FEET IN CHANNEL FROM OUTER HARBOR TO WASHINGTON STREET BRIDGE, SOUTH NORWALK, THENCE 10 FEET DEEP TO THE BASIN AT NORWALK. ANCHORAGE ADJACENT TO 12 FOOT CHANNEL AT FITCHPOINT LIGHT, 10 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	867,306	-----	1978-----	851,047	8,276
1974-----	799,974	1,000	1979-----	817,721	134
1975-----	847,490	3,900	1980-----	815,465	251
1976-----	753,474	24,624	1981-----	778,452	162
1977-----	822,408	13,032	1982-----	954,384	134

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	954,384	944,264	-----	10,120
0912 SMELT/FISH, EXCEPT PREPARED-----	10,120	-----	-----	10,120
1442 SAND, GRAVEL, CRUSHED ROCK-----	249,334	249,134	-----	-----
2911 GASOLINE-----	16,409	16,409	-----	-----
2914 DISTILLATE FUEL OIL-----	134,755	134,755	-----	-----
2915 RESIDUAL FUEL OIL-----	503,570	503,570	-----	-----
TOTAL TON-MILES, 4,119,336.				

STAMFORD HARBOR, CONN.

SECTION INCLUDED: EAST AND WEST BRANCHES. CONTROLLING DEPTH: 16.0 FEET IN THE 18-FOOT ENTRANCE CHANNEL; 11.5 FEET IN OUTSIDE QUARTERS AND 14.6 FEET IN THE CENTER HALF OF THE 15-FOOT ENTRANCE CHANNEL; 10 FEET IN THE 12-FOOT EAST BRANCH CHANNEL TO 1,100 FEET DOWNSTREAM OF THE HEAD OF NAVIGATION, THENCE 4 FEET TO THE END OF THE CHANNEL; DREDGING IN PROGRESS IN EAST BRANCH CHANNEL. PROJECT DEPTH: 18.0 FEET IN ENTRANCE CHANNEL TO NORTH-END OF 18-FOOT ANCHORAGE. THENCE 15.0 FEET IN REMAINDER OF ENTRANCE CHANNEL, WEST BRANCH CHANNEL AND BASIN, 12.0 FEET IN EAST BRANCH CHANNEL, AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	1,002,348	-----	1978-----	1,000,700	-----
1974-----	989,766	-----	1979-----	874,234	-----
1975-----	846,148	-----	1980-----	844,847	1,075
1976-----	775,638	-----	1981-----	796,528	-----
1977-----	783,243	-----	1982-----	817,522	-----

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		
		RECEIPTS	SHIPMENTS	
TOTAL-----	837,522	810,711	-----	26,811
1442 SAND, GRAVEL, CRUSHED ROCK-----	460,146	460,146	-----	-----
2914 DISTILLATE FUEL OIL-----	225,870	225,870	-----	-----
2915 RESIDUAL FUEL OIL-----	20,493	20,493	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	14,202	14,202	-----	-----
4011 IRON AND STEEL SCRAP-----	26,811	-----	-----	26,811
TOTAL TON-MILES, 1,892,056.				

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ANDREWS RIVER, MASS.	NO COMMERCE REPORTED			
ANNISQUAM RIVER, MASS.	NO COMMERCE REPORTED			
APPONAUG COVE, R. I.	NO COMMERCE REPORTED			
BAR HARBOR, MAINE				120,740
BASS HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	100		
	0912 SHELLFISH, EXCEPT PREPARED	800		
	TOTAL	900	900	64,240
BEALS HARBOR, MAINE	NO COMMERCE REPORTED			
BELFAST HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	1,611	1,611	
BEVERLY HARBOR, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	15		
	TOTAL	16	16	
BOOTHBAY HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	31	62	67,350
BRANFORD HARBOR, CONN.	NO COMMERCE REPORTED			
BRISTOL HARBOR, R. I.	4112 COMMODITIES, NEC	845	1,490	47,200
BUNKER HARBOR, MAINE	0912 SHELLFISH, EXCEPT PREPARED	27	22	
CANDEN HARBOR, MAINE	NO COMMERCE REPORTED			
CANAPITSIT CHANNEL, MASS.				236
CAPE PURPOISE HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	10		
	0912 SHELLFISH, EXCEPT PREPARED	260		
	TOTAL	270	270	
CARVERS HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	2		
	0912 SHELLFISH, EXCEPT PREPARED	42		
	1491 SALT	1		
	TOTAL	45		64,246
CHATHAM (STAGE) HARBOR, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	257	514	1,202
CLINTON HARBOR, CONN.	NO COMMERCE REPORTED			
COBSCOOK BAY, MAINE	NO COMMERCE REPORTED			
COMASSET HARBOR, MASS.	NO COMMERCE REPORTED			
CORREA HARBOR, MAINE	0912 SHELLFISH, EXCEPT PREPARED	18	18	
CRIEHAVEN HARBOR, MAINE	NO COMMERCE REPORTED			
CROSS MT SHOALS, NANTUCKET SOUND, MASS.	2911 GASOLINE	5,376		
	2913 KEROSENE	208		
	2914 DISTILLATE FUEL OIL	19,546		
	4112 COMMODITIES, NEC	2,590		
	TOTAL	27,719	55,418	65,860
CUTTYHUNK HARBOR, MASS.	4112 COMMODITIES, NEC	487	487	10,217
DEMARISCOTTA RIVER, MAINE	NO COMMERCE REPORTED			
DEER ISLAND THOROUGHFARE, MAINE	4112 COMMODITIES, NEC	727	727	308
DORCHESTER BAY, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
DUCK ISLAND HARBOR, CONN.	NO COMMERCE REPORTED			
DUXBURY HARBOR, MASS.	NO COMMERCE REPORTED			
EASTPORT HARBOR, MAINE	0161 ANIMALS AND PRODUCTS, NEC	4,591		
	0911 FRESH FISH, EXCEPT SHELLFISH	9,060		
	2416 WOOD CHIPS, STAVES, MOLDINGS	113		
	2491 WOOD MANUFACTURES, NEC	16		
	2611 PULP	51,928		
	2711 PRINTED MATTER	4		
	3011 RUBBER AND MISC PLASTIC PROD	1		
	3411 FABRICATED METAL PRODUCTS	3		
	3511 MACHINERY, EXCEPT ELECTRICAL	4		
	3611 ELECTRICAL MACH AND EQUIP	3		
	3711 MOTOR VEHICLES, PARTS, EQUIP	53		
	3731 SHIPS AND BOATS	4		
	4112 COMMODITIES, NEC	8		
	TOTAL	65,768	65,421	15,781
ENDICOTT HARBOR, MASS.				100,996
ESSEX RIVER, MASS.	NO COMMERCE REPORTED			
FALMOUTH HARBOR, MASS.	2711 PRINTED MATTER	405	405	273,436

NEW ENGLAND DIVISION

OTHER HARBORS AND WATERWAYS--CONTINUED

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HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
FIVEMILE RIVER HARBOR, CONN.	NO COMMERCE REPORTED			8
PORT POINT CHANNEL, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
BLOUFBSTER HARBOR, MASS.	0105 RICE	107		
	0131 FRESH FRUIT	444		
	0141 FRESH AND FROZEN VEGETABLES	105		
	0141 ANIMALS AND PRODUCTS, NEC	1,007		
	0911 FRESH FISH, EXCEPT SHELLFISH	112,410		
	0912 SHELLFISH, EXCEPT PREPARED	1,488		
	1911 ORDNANCE AND ACCESSORIES	2		
	2011 MEAT, FRESH, CHILLED, FROZEN	1,144		
	2014 TALLOW, ANIMAL FAT AND OILS	1,217		
	2031 FISH AND SHELLFISH, PREPARED	2,916		
	2034 VEGETABLES AND PREP, NEC	4		
	2039 PREP FRUIT AND VEG JUICE, NEC	12		
	2041 WHEAT FLOUR AND SEMOLINA	1,113		
	2042 ANIMAL FEEDS	22		
	2049 GRAIN MILL PRODUCTS, NEC	55		
	2081 ALCOHOLIC BEVERAGES	29		
	2099 MISCELLANEOUS FOOD PRODUCTS	14		
	2211 BASIC TEXTILE PRODUCTS	1		
	2431 VEASES, PLYWOOD, AND/OR WOOD	163		
	2491 WOOD MANUFACTURES, NEC	2		
	2511 FURNITURE AND FIXTURES	1		
	2631 PAPER AND PAPERBOARD	11		
	2691 PULP AND PAPER PRODUCTS, NEC	14		
	2711 PRINTED MATTER	1		
	2821 PLASTIC MATERIALS	102		
	2891 MISCELLANEOUS CHEMICAL PROD	1		
	2914 DISTILLATE FUEL OIL	12,374		
	2916 LUBRICATING OILS AND GREASES	442		
	2921 LIQUEFIED GASES	1		
	3011 RUBBER AND MISC PLASTIC PROD	44		
	3111 LEATHER AND LEATHER PRODUCTS	4		
	3411 FABRICATED METAL PRODUCTS	20		
	3511 MACHINERY, EXCEPT ELECTRICAL	24		
	3611 ELECTRICAL MACH AND EQUIP	82		
	3711 MOTOR VEHICLES, PARTS, EQUIP	35		
	3731 SHIPS AND BOATS	10		
	3911 MISC MANUFACTURED PRODUCTS	1		
	4112 COMMODITIES, NEC	22		
	TOTAL	135,454	181,937	5,598
GREAT SALT POND, BLOCK ISLAND, R. I.	2911 GASOLINE	1,291		
	2913 KEROSENE	32		
	2914 DISTILLATE FUEL OIL	1,103		
	4112 COMMODITIES, NEC	376		
	TOTAL	2,802	3,453	55,410
GREEN HARBOR, MASS.	0912 SHELLFISH, EXCEPT PREPARED	19	19	41,028
GREENWICH BAY, R. I.	NO COMMERCE REPORTED			
GREENWICH HARBOR, CONN.	NO COMMERCE REPORTED			173,370
GUILFORD HARBOR, CONN.	NO COMMERCE REPORTED			
HAMPTON HARBOR, N. H.	3511 MACHINERY, EXCEPT ELECTRICAL	710	710	36,172
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	10		
	TOTAL	11		546
HARBOR OF REFUGE, BLOCK ISLAND, R. I.	4112 COMMODITIES, NEC	7,233	7,233	344,653
HARBOR OF REFUGE, NANTUCKET, MASS.	2911 GASOLINE	6,994		
	2913 KEROSENE	204		
	2914 DISTILLATE FUEL OIL	20,884		
	4112 COMMODITIES, NEC	51,144		
	TOTAL	79,226	154,464	364,434
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH ROAD, R. I.	0911 FRESH FISH, EXCEPT SHELLFISH	15,130		
	4112 COMMODITIES, NEC	5,905		
	TOTAL	21,035	21,035	329,374
HARRASSEEKET RIVER, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	30	30	
HAY (WEST) HARBOR, N. Y.	2911 GASOLINE	233		
	2914 DISTILLATE FUEL OIL	582		
	3511 MACHINERY, EXCEPT ELECTRICAL	1		
	4112 COMMODITIES, NEC	1,566		
	TOTAL	2,382	4,764	93,992
HENDRICKS HARBOR, MAINE	NO COMMERCE REPORTED			
HINGHAM HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
HYANNIS HARBOR, MASS.	4112 COMMODITIES, NEC	44,554	97,104	744,296
IPSWICH RIVER, MASS.	NO COMMERCE REPORTED			

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
ISLE AU HAUT THROUGHFARE, MAINE-----	4112 COMMODITIES, NEC-----	720	720	15,063
ISLE OF SHOALS HARBOR, ME. AND N. H.-----	NO COMMERCE REPORTED			
JOSTIAS RIVER, MAINE-----	0912 SHELLFISH, EXCEPT PREPARED-----	217	217	
KENNEBEC RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,514		
	3411 FABRICATED METAL PRODUCTS-----	500		
	TOTAL-----	4,014	55,696	
KENNEBUNK RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,200		
	0912 SHELLFISH, EXCEPT PREPARED-----	150		
	TOTAL-----	1,350	1,350	
LASDON POND, MARTHA S VINEYARD, MASS.-----	2414 TIMBER, POSTS, POLES, PILING-----	18	18	
LIBEC CHANNEL, MAINE-----	0161 ANIMALS AND PRODUCTS, NEC-----	3,000		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	7,020		
	TOTAL-----	10,020	19,221	467,667
LYNN HARBOR, MASS.-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	100	200	
MACHIAS RIVER, MAINE-----	NO COMMERCE REPORTED			
MALDEN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
MANCHESTER HARBOR, MASS.-----	NO COMMERCE REPORTED			
MARBLEHEAD HARBOR, MASS.-----	NO COMMERCE REPORTED			
MATINICUS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	750		
	1491 SALT-----	104		
	TOTAL-----	863	1,198	
MATTAPOTSETT HARBOR, MASS.-----	NO COMMERCE REPORTED			
MENEMSHA CREEK, MARTHA S VINEYARD, MASS.-----	NO COMMERCE REPORTED			
MIANUS RIVER AND COS COR HARBOR, CONN.-----	NO COMMERCE REPORTED			
MILFORD HARBOR, CONN.-----	NO COMMERCE REPORTED			
MOOSEBARE BAR, MAINE-----	0912 SHELLFISH, EXCEPT PREPARED-----	477	477	
MYSTIC RIVER, CONN.-----				121,794
NARRAGUAGUS RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,583		
	0912 SHELLFISH, EXCEPT PREPARED-----	53		
	TOTAL-----	1,636	3,219	
NEPONSET RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.-----	0102 BARLEY AND RYE-----	2		
	0103 CORN-----	3		
	0121 TOBACCO, LEAF-----	106		
	0129 FIELD CROPS, NEC-----	2		
	0131 FRESH FRUITS-----	28,382		
	0141 FRESH AND FROZEN VEGETABLES-----	73		
	0161 ANIMALS AND PRODUCTS, NEC-----	1,406		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	44,820		
	0912 SHELLFISH, EXCEPT PREPARED-----	900		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	21		
	2012 MEAT AND PRODUCTS, NEC-----	63		
	2014 TALLOW, ANIMAL FATS AND OILS-----	123		
	2021 DAIRY PRODUCTS, NEC-----	307		
	2031 FISH AND SHELLFISH, PREPARED-----	1,884		
	2034 VEGETABLES AND PREP, NEC-----	126		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	5,423		
	2049 GRAIN MILL PRODUCTS, NEC-----	67		
	2081 ALCOHOLIC BEVERAGES-----	46		
	2091 VEGETABLE OILS, MARG, SHORT-----	102		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	1,332		
	2111 TOBACCO MANUFACTURES-----	3		
	2211 BASIC TEXTILE PRODUCTS-----	48		
	2311 APPAREL-----	3		
	2421 LUMBER-----	843		
	2491 WOOD MANUFACTURES, NEC-----	31		
	2511 FURNITURE AND FIXTURES-----	4		
	2611 PULP-----	385		
	2691 PULP AND PAPER PRODUCTS, NEC-----	5		
	2810 RADIOACTIVE MATERIALS, WASTE-----	2		
	2819 BASIC CHEMICALS AND PROD, NEC-----	12		
	2921 PLASTIC MATERIALS-----	171		
	2923 SYNTHETIC (MAN-MADE) FIBERS-----	284		
	2941 SOAP-----	123		
	2951 PAINTS-----	2		
	2976 INSECTICIDES, DISINFECTANTS-----	3		
	2991 MISCELLANEOUS CHEMICAL PROD-----	30		
	2914 DISTILLATE FUEL OIL-----	114,452		
	2916 LUBRICATING OILS AND GREASES-----	134		
	3021 RUBBER AND MISC PLASTIC PROD-----	37		
	3111 LEATHER AND LEATHER PRODUCTS-----	573		
	3211 GLASS AND GLASS PRODUCTS-----	4		

NEW ENGLAND DIVISION

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MTLFS	PASSENGERS
PROJECT--CONTINUED				
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS. (CONTINUED)	3241 BUILDING CEMENT-----	143		
	3251 STRUCTURAL CLAY PRODUCTS-----	35		
	3291 MISC NONMETALLIC MINERAL PROD-----	22		
	3312 SLAG-----	5,000		
	3315 IRON, STEEL SHAPES, EXC SHEET-----	802		
	3316 IRON AND STEEL PLATES, SHEETS-----	5		
	3317 IRON AND STEEL PIPE AND TUBS-----	10		
	3321 NONFERROUS METALS, NEC-----	64		
	3323 LEAD AND ZINC, UNWORKED-----	13		
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	4		
	3411 FABRICATED METAL PRODUCTS-----	348		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	131		
	3611 ELECTRICAL MACH AND EQUIP-----	120		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	241		
	3791 MISC TRANSPORTATION EQUIPMENT-----	2		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	18		
	3911 MISC MANUFACTURED PRODUCTS-----	47		
	4024 PAPER WASTE AND SCRAP-----	150		
	4112 COMMUNITIFS, NEC-----	567		
	TOTAL-----	214,170		11,629
NEW HARBOR, MAINE-----	NO COMMERCE REPORTED			
NEWBURYPORT HARBOR, MASS.-----				12,240
NEWPORT HARBOR, R. I.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	20		
	2021 PLASTIC MATERIALS-----	1		
	2914 DISTILLATE FUEL OIL-----	14,938		
	3411 FABRICATED METAL PRODUCTS-----	3		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	1		
	3731 SHIPS AND BOATS-----	4		
	TOTAL-----	18,967	14,967	113,452
NIANTIC BAY AND HARBOR, CONN.-----				15,630
NORTHEAST HARBOR, MAINE-----	NO COMMERCE REPORTED			
OWLS HEAD HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	24		
PATCHOGUE RIVER, CONN.-----	NO COMMERCE REPORTED			
PAWCATUCK RIVER, R. I. AND CONN.-----	NO COMMERCE REPORTED			
PIG ISLAND CUT, MAINE-----	0912 SHELLFISH, EXCEPT PREPARED-----	877	877	
PLEASANT BAY MASS.-----	NO COMMERCE REPORTED			
PLEASANT RIVER, MAINE-----	NO COMMERCE REPORTED			
PLYMOUTH HARBOR, MASS. (INCLUDING NORTH PLYMOUTH)-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,239		
	0912 SHELLFISH, EXCEPT PREPARED-----	250		
	TOTAL-----	1,489	3,224	
PROVINCETOWN HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	5,371	10,742	73,836
RED BROOK HARBOR, ROUEN, MASS.-----	NO COMMERCE REPORTED			
ROCKLAND HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	18,179		
	0912 SHELLFISH, EXCEPT PREPARED-----	758		
	TOTAL-----	18,937	74,204	98,262
ROCKPORT HARBOR, MAINE-----	NO COMMERCE REPORTED			
ROCKPORT HARBOR, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1		
	0912 SHELLFISH, EXCEPT PREPARED-----	10		
	TOTAL-----	11	11	546
ROYAL RIVER, MAINE-----	NO COMMERCE REPORTED			
RYE HARBOR, NEW HAMPSHIRE-----	0912 SHELLFISH, EXCEPT PREPARED-----	64	64	
SACO RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	250		
	0912 SHELLFISH, EXCEPT PREPARED-----	175		
	TOTAL-----	425	425	
SAKONNET RIVER AND HARBOR, R. I.-----	NO COMMERCE REPORTED			
SCARBORO RIVER, MAINE-----	NO COMMERCE REPORTED			
SCITUATE HARBOR, MASS.-----	NO COMMERCE REPORTED			
SEEKONK RIVER, R. I.-----	NO COMMERCE REPORTED			
SOUTH BRISTOL HARBOR, MAINE-----	NO COMMERCE REPORTED			
SOUTHWEST HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	923		
	0912 SHELLFISH, EXCEPT PREPARED-----	252		
	TOTAL-----	1,175	3,273	
ST. CROIX RIVER, MAINE-----	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
STOCKTON HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)-----	NO COMMERCE REPORTED			
STONINGTON HARBOR, CONN.-----	NO COMMERCE REPORTED			
STONINGTON HARBOR, MAINE-----	4112 COMMODITIES, NEC-----	729	729	15,063
STONY CREEK, CONN.-----	NO COMMERCE REPORTED			
TAUNTON RIVER, MASS.-----	NO COMMERCE REPORTED			
TENANTS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	624		
	1491 SALT-----	136		
	TOTAL-----	760	760	
THOMASTON HARBOR (GEORGES RIVER), MAINE-----	NO COMMERCE REPORTED			
VINEYARD HAVEN HARBOR, MASS.-----	2414 TIMBER, POSTS, POLES, PILING-----	5		
	2911 GASOLINE-----	16,990		
	2913 KEROSENE-----	74		
	2914 DISTILLATE FUEL OIL-----	9,488		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	2		
	4112 COMMODITIES, NEC-----	84,509		
	TOTAL-----	111,068	111,068	1,017,379
WAREHAM HARBOR, MASS.-----	2414 TIMBER, POSTS, POLES, PILING-----	22		
	2421 LUMBER-----	3		
	TOTAL-----	25	50	
WARREN RIVER, R. I.-----				1,329
WARRICK CREEK, WARRICK, R. I.-----	NO COMMERCE REPORTED			
WELLFLEET HARBOR, MASS.-----	NO COMMERCE REPORTED			
WESTPORT HARBOR AND SAUGATUCK RIVER, CONN.-----	NO COMMERCE REPORTED			
WESTPORT RIVER, MASS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	12		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,105		
	2414 TIMBER, POSTS, POLES, PILING-----	19		
	2421 LUMBER-----	3		
	3323 LEAD AND ZINC, UNWORKED-----	3		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	2		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	2		
	TOTAL-----	1,146	1,146	
WYOMOUTH RACK RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
WICKFORD HARBOR, R. I.-----	NO COMMERCE REPORTED			
WINTHROP HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
WOOD ISLAND HARBOR, MAINE AND THE POOL AT BIDDEFORD-----	NO COMMERCE REPORTED			
WOODS HOLE CHANNEL, MASS.-----	2914 DISTILLATE FUEL OIL-----	1,986		
	4112 COMMODITIES, NEC-----	88,286		
	TOTAL-----	90,272	90,272	1,250,815
YORK HARBOR, MAINE-----	0912 SHELLFISH, EXCEPT PREPARED-----	60		
NONPROJECT				
CHARLES RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	2915 RESIDUAL FUEL OIL-----	17,839	17,839	

NEW YORK, NY, DISTRICT

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PORT CHESTER HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM LONG ISLAND SOUND TO A POINT 100 FEET BELOW MILL STREET BRIDGE. CONTROLLING DEPTH: 12 FEET FROM LONG ISLAND SOUND TO UPPER LIMIT OF 12-FOOT PROJECT; BALANCE OF WATERWAY RANGES FROM 1 TO 10 FEET; 6 FEET IN ANCHORAGE AREA. PROJECT DEPTH: 12, 10 AND 3 FEET; 12 FEET IN ANCHORAGE AREA. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	406,620	1978-----	384,550
1974-----	318,537	1979-----	267,447
1975-----	289,248	1980-----	363,533
1976-----	259,757	1981-----	340,032
1977-----	295,687	1982-----	309,538

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	309,438	49,998	155,755	103,789
1442 SAND, GRAVEL, CRUSHED ROCK-----	209,749	49,998	155,755	-----
2911 GASOLINE-----	877	-----	-----	872
2914 DISTILLATE FUEL OIL-----	102,917	-----	-----	102,917
TOTAL TON-MILES, 315,975.				

EAST CHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM LONG ISLAND SOUND TO CANAL STREET. CONTROLLING DEPTH: 8 FEET FROM LONG ISLAND SOUND TO A POINT OPPOSITE TURTLE COVE; BALANCE OF WATERWAY RANGES FROM 0.9 TO 8 FEET. PROJECT DEPTH: 10 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,974,777	1978-----	1,627,502
1974-----	1,935,192	1979-----	1,460,464
1975-----	1,575,743	1980-----	1,653,399
1976-----	1,367,380	1981-----	1,596,367
1977-----	1,363,524	1982-----	1,549,074

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL-----	1,549,074	53,398	222,277	1,273,399
1442 SAND, GRAVEL, CRUSHED ROCK-----	275,675	53,398	222,277	-----
2911 GASOLINE-----	402,565	-----	-----	402,565
2913 KEROSENE-----	13,438	-----	-----	13,438
2914 DISTILLATE FUEL OIL-----	348,071	-----	-----	348,071
2915 RESIDUAL FUEL OIL-----	111,750	-----	-----	111,750
2991 PETROLEUM AND COAL PROD, NEC-----	1,571	-----	-----	1,571
TOTAL TON-MILES, 7,432,720.				

ARONX RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST 172ND STREET. CONTROLLING DEPTH: 10 FEET FROM EAST RIVER TO BRUCKNER BOULEVARD BRIDGE; BALANCE OF WATERWAY RANGES FROM 1.3 TO 10 FEET. PROJECT DEPTH: 10 FEET; ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	150,586	110,678	1978-----	292,085	121,570
1974-----	293,966	121,730	1979-----	243,029	267,210
1975-----	258,203	152,210	1980-----	418,781	249,480
1976-----	382,537	121,770	1981-----	336,931	132,360
1977-----	286,629	152,210	1982-----	260,786	317,420

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HARPY RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL	268,746	77,114	84,241	101,431
1442 SAND, GRAVEL, CRUSHED ROCK	162,201	77,114	85,487	
3241 BUILDING CEMENT	1,154		1,154	
4011 IRON AND STEEL SCRAP	101,431			101,431
TOTAL TON-MILES, 529,572.				

WESTCHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST TREMONT AVENUE BRIDGE. CONTROLLING DEPTH: 12 FEET FROM EAST RIVER TO UPSTREAM LIMIT PROJECT. PROJECT DEPTH: 12 FEET IN CHANNEL AND TURNING BASIN. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.6 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	525,746	16,410	1978	589,926	
1974	439,808	18,050	1979	524,337	
1975	485,433		1980	574,145	
1976	560,458		1981	548,428	
1977	548,321		1982	487,224	

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	487,224	4,483	1,640	441,101
2911 GASOLINE	148,458			148,458
2914 DISTILLATE FUEL OIL	296,869	4,483		292,386
2991 PETROLEUM AND COAL PROD, NEC	257			257
4029 WASTE AND SCRAP, NEC	1,640		1,640	
TOTAL TON-MILES, 1,120,435.				

FLUSHING BAY AND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN EAST RIVER TO ROOSEVELT AVENUE BRIDGE. CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO JUNCTION WITH BRANCH CHANNEL; BALANCE OF WATERWAY RANGES FROM 5 TO 12 FEET. PROJECT DEPTH: 15 FEET IN BAY, BRANCH AND CREEK CHANNELS, AND MANEUVERING AREA, AND 6 FEET IN ANCHORAGE AREA. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.9 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	2,745,007	1978	1,909,110
1974	2,359,574	1979	1,543,917
1975	1,953,276	1980	1,660,286
1976	1,569,289	1981	1,464,454
1977	1,448,185	1982	1,451,735

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL	1,451,735	26,501	530,185	891,049
1442 SAND, GRAVEL, CRUSHED ROCK	529,445	21,208	408,457	
2013 KEPOSENE	8,201			8,201
2914 DISTILLATE FUEL OIL	236,271			236,271
2915 RESIDUAL FUEL OIL	154,410	5,293		150,117
3241 BUILDING CEMENT	25,728		25,728	
4029 WASTE AND SCRAP, NEC	494,370			494,370
TOTAL TON-MILES, 3,189,408.				

NEW YORK, NY, DISTRICT

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HARLEM RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO HUDSON RIVER. CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO SPUYTEN DUYVIL R. V. BRIDGE; BALANCE OF WATERWAY RANGES FROM 14 TO 15 FEET. PROJECT DEPTH: 15 AND 18 FEET; ALL AT MEAN LOW WATER; PROJECT LENGTH: 7.4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS				YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS			
		RECEIPTS		SHIPMENTS				RECEIPTS		SHIPMENTS	
		EMPTY	LOADED	EMPTY	LOADED			EMPTY	LOADED	EMPTY	LOADED
1973--	654,251	5	394	352	47	1978--	400,744	-----	-----	-----	-----
1974--	566,745	-----	74	64	12	1979--	414,869	-----	-----	-----	-----
1975--	719,304	-----	-----	-----	-----	1980--	594,593	-----	-----	-----	-----
1976--	449,179	-----	-----	-----	-----	1981--	575,224	-----	-----	-----	-----
1977--	422,919	-----	-----	-----	-----	1982--	536,695	-----	-----	-----	-----

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COMBINE		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	536,695	147,054	113,172	276,469
1442 SAND, GRAVEL, CRUSHED ROCK-----	260,046	146,674	113,172	-----
2014 DISTILLATE FUEL OIL-----	103,064	-----	-----	103,064
2015 RESIDUAL FUEL OIL-----	173,401	-----	-----	173,401
3411 FABRICATED METAL PRODUCTS-----	140	140	-----	-----
TOTAL TON-MILES, 1,919,220.				

HUDSON RIVER, N. Y. (LOWER SECTION) (INCLUDED IN PORT OF NEW YORK, ALSO INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM UPPER NEW YORK CITY LIMITS TO TAPPANZON; NOT INCLUDING THE LATTER. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL. PROJECT LENGTH: 11.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	1,482,595	1,244,522	28,190,769	1978-----	547,443	454,005	23,445,093
1974-----	1,304,994	1,251,100	25,688,695	1979-----	753,949	1,116,936	22,113,861
1975-----	755,309	910,964	22,592,270	1980-----	641,331	1,104,469	21,569,420
1976-----	581,793	1,025,514	21,498,583	1981-----	874,533	1,012,391	16,153,609
1977-----	714,394	932,392	22,299,989	1982-----	742,957	479,686	15,967,584

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	CHARTERED	INTERNAL	
				RECEIPTS	SHIPMENTS	
TOTAL-----	742,957	247,212	7,900	125,902	44,102	313,741
2061 SUGAR-----	366,574	247,212	-----	119,366	-----	-----
2062 MOLASSES-----	2,700	-----	2,700	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,200	-----	5,200	-----	-----	-----
2011 GASOLINE-----	134,104	-----	-----	-----	-----	134,104
2014 DISTILLATE FUEL OIL-----	154,967	-----	-----	6,534	23,041	125,390
2015 RESIDUAL FUEL OIL-----	54,031	-----	-----	-----	-----	54,031
2091 PETROLEUM AND COAL PROD. NEC-----	254	-----	-----	-----	-----	254
4029 WASTE AND SCRAP, NEC-----	25,121	-----	-----	-----	25,121	-----
TOTAL TON-MILES, 276,940,628.						

Waterborne Commerce of the United States, 1982

HUDSON RIVER CHANNEL, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN UPPER BAY TO A POINT OPPOSITE WEST 156TH STREET, MANHATTAN, CONTROLLING DEPTH: 39 TO 43 FEET, 2,000 TO 3,600 FEET WIDE FROM DEEP WATER IN THE UPPER BAY TO WEST 40TH STREET; BALANCE OF WATERWAY RANGES FROM 39 TO 48 FEET. PROJECT DEPTH AND LENGTH: 48 FEET, 45 FEET AND 48 FEET FROM UPPER BAY TO OPPOSITE WEST 50TH STREET; 6 MILES, 30 FEET IN REEFMARKED EDGEWATER CHANNEL; 5 MILES, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC					
				RAILROAD FREIGHT CARS				LOCAL	
				RECEIPTS EMPTY	LOADS EMPTY	SHIPMENTS EMPTY	LOADS EMPTY	EMPTY	LOADS
1973	9,233,628	3,717,760	29,154,177	19,190	2,553	1,268	25,093	14,169	9,339
1974	10,044,214	3,554,522	26,503,887	34,045	5,418	2,729	37,113	17,516	9,862
1975	9,035,307	3,380,374	23,108,913	35,110	2,629	1,068	29,247	11,891	14,570
1976	9,168,751	4,052,677	22,322,433	10,045	1,399	1,556	10,722	6,232	2,341
1977	3,912,153	4,329,114	23,010,593	1,198	6,897	7,240	1,117	2,272	995
1978	4,361,558	3,672,049	24,406,823	6,820	988	282	8,262	-----	-----
1979	4,128,937	3,582,377	22,882,905	785	6,423	6,201	867	-----	-----
1980	4,115,521	4,294,749	22,158,091	4,236	4,546	-----	199	-----	-----
1981	3,287,712	4,315,141	16,997,746	-----	-----	-----	-----	-----	-----
1982	3,423,164	4,140,978	16,529,569	-----	-----	-----	-----	-----	-----

ENROUTE TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL	3,423,164	1,230,344	517,555	133,362	3,715	143,073	18,858	1,380,257
0101 COTTON, RAW	223		223					
0103 CORN	163		163					
0105 RICE	151	133	18					
0106 SORGHUM GRAINS	532		532					
0109 OILSEEDS, NEC	933	876	57					
0121 TORACCO, LEAF	20,190	19,932	258					
0129 FIELD CROPS, NEC	550	517	33					
0131 FRSH FRUITS	620	23	597					
0132 BANANAS AND PLANTAINS	2,706	2,609	97					
0133 COFFEE	90,114	13,752	342					76,020
0134 COCOA BEANS	10,371	10,371						
0141 FRSH AND FROZEN VEGETABLES	2,002	1,147	855					
0151 LIVE ANIMALS	4	1	3					
0161 ANIMALS AND PRODUCTS, NEC	5,047	2,536	2,511					
0191 MISCELLANEOUS FARM PRODUCTS	613	602	11					
0241 CRUDE RUBBER AND ALLIED GUMS	2,299	2,077	222					
0261 FOREST PRODUCTS, NEC	4,749	4,363	386					
0911 FRSH FISH, EXCEPT SHELLFISH	1,462	1,010	452					
0912 SHELLFISH, EXCEPT PREPARED	1,941	1,858	83					
1011 IRON ORE AND CONCENTRATES	109		109					
1051 ALUMINUM ORES, CONCENTRATES	2,222	1,987	235					
1061 MANGANESE ORES, CONCENTRATES	16		16					
1091 NONFERROUS ORES, CONCENT, NEC	212	171	41					
1121 COAL AND LIGNITE	237		237					
1411 Limestone	689		689					
1442 SAND, GRAVEL, CRUSHED ROCK	276,667	892	2,607	129,012		143,073		1,083
1451 CLAY	6,501	4,885	1,616					
1491 SALT	30,909	30,315	594					
1492 SULPHUR, DRY	565		565					
1499 NONMETALLIC MINERALS, NEC	2,196	247	1,949					
1911 ORNAMENTAL AND ACCESSORIES	1,455	479	976					
2011 MEAT, FRESH, CHILLED, FROZEN	19,231	14,958	4,273					
2012 MEAT AND PRODUCTS, NEC	3,253	1,109	2,144					
2014 TALLOW, ANIMAL FATS AND OILS	4,816		4,816					
2015 ANIMAL BY-PRODUCTS, NEC	2,959	1,465	1,494					
2021 DAIRY PRODUCTS, NEC	5,773	5,701	72					
2022 DRIED MILK AND CREAM	1,455	3	1,452					
2031 FISH AND SHELLFISH, PREPARED	9,741	9,176	565					
2034 VEGETABLES AND PREP, NEC	40,616	40,849	3,727					
2039 PREP FRUIT AND VEG JUICE, NEC	16,676	14,290	2,386					
2041 WHEAT FLOUR AND SEMOLINA	226		226					
2042 ANIMAL FEEDS	30,700	640	30,060					
2049 GRAIN MILL PRODUCTS, NEC	16,161	11,294	4,867					
2061 SUGAR	8,475	8,036	437					
2062 MOLASSES	26,132	26,052	80					
2081 ALCOHOLIC BEVERAGES	121,028	118,092	2,936					
2091 VEGETABLE OILS, MARG, SHORT	22,597	6,022	2,496					18,079
2092 ANIMAL OILS AND FATS, NEC	1,244	1,244						
2099 MISCELLANEOUS FOOD PRODUCTS	40,235	28,251	11,984					
2111 TORACCO MANUFACTURES	500	128	372					
2211 BASIC TEXTILE PRODUCTS	25,601	15,943	9,658					
2212 TEXTILE FIBERS, NEC	134		134					
2311 APPAREL	19,140	18,043	1,097					
2411 LOGS	135		135					
2413 FUEL WOOD, CHARCOAL, WASTE	2,380		2,380					
2416 WOOD CHIPS, STAVES, MOLDINGS	2,006	1,905	101					
2421 LUMBER	18,721	14,397	4,324					
2431 VENEER, PLYWOOD, WORKED WOOD	771	410	361					
2491 WOOD MANUFACTURES, NEC	3,379	2,692	687					
2511 FURNITURE AND FIXTURES	11,632	9,438	2,194					
2611 PULP	4,448	2,807	1,641					
2631 PAPER AND PAPERMANUFACTURE	19,456	2,230	17,226					
2691 PULP AND PAPER PRODUCTS, NEC	12,005	2,923	9,082					
2711 PRINTED MATTER	14,862	4,865	9,977					
2810 SODIUM HYDROXIDE	5,962							5,962
2811 CRUDE TAR, OIL, GAS PRODUCTS	49		49					
2812 DYES, PIGMENT, TANNING MATS	1,249		1,249					
2813 ALCOHOLS	14		14					
2816 RADIOACTIVE MATERIALS, WASTE	124	52	72					
2819 BASIC CHEMICALS AND PREP, NEC	54,369	28,439	22,131	3,099				

NEW YORK, NY, DISTRICT

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HUDSON RIVER CHANNEL, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2821 PLASTIC MATERIALS-----	50,443	19,209	31,234	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	1,965	-----	1,965	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	3,352	2,333	1,019	-----	-----	-----	-----	-----
2831 DRUGS-----	3,099	1,322	1,777	-----	-----	-----	-----	-----
2841 SOAP-----	11,254	2,224	9,030	-----	-----	-----	-----	-----
2851 PAINTS-----	13,031	9,141	3,890	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	63	22	41	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	351	2	349	-----	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	87	3	84	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	1,688	665	1,023	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	69	-----	69	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	23,786	4,276	19,510	-----	-----	-----	-----	-----
2911 GASOLINE-----	10,973	9,013	1,960	-----	-----	-----	-----	-----
2913 KEROSENE-----	31,454	19,313	12,141	-----	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	94,947	2,131	-----	-----	1,537	-----	-----	11,837
2915 RESIDUAL FUEL OIL-----	868,004	330,298	-----	-----	-----	14,458	-----	522,852
2916 LUBRICATING OILS AND GREASES-----	62,181	54,767	7,414	-----	-----	-----	-----	251
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,251	-----	1,251	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	4,926	4,705	221	-----	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	688	-----	688	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	292	6	286	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	1,459	-----	1,459	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	2,937	569	890	-----	1,259	-----	-----	210
3011 RUBBER AND MISC PLASTIC PROD-----	22,350	14,635	7,715	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	15,820	10,680	5,140	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	17,576	10,299	7,277	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	19,684	19,173	511	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	12,638	9,322	3,316	-----	-----	-----	-----	-----
3271 LIME-----	34	28	6	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	7,289	7,220	69	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	14,566	11,191	3,375	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	118	62	56	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	25,272	24,227	1,045	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	4,612	-----	4,612	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	5,027	2,945	2,082	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	292	272	20	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	3,374	2,669	705	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	3,809	2,078	1,731	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	12,085	11,323	762	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	675	381	294	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	7,107	5,831	1,276	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	54,811	38,882	15,929	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	54,882	24,648	30,194	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	48,536	28,814	19,722	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	28,374	15,033	13,341	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	845	110	735	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	480	140	340	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,609	43	4,566	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	17,651	5,379	12,272	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	30,141	26,670	3,471	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	52,136	2	21,471	-----	-----	-----	-----	30,663
4012 NONFERROUS METAL SCRAP-----	5,010	641	4,369	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	10,372	33	10,339	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	66,043	51	65,992	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	622,626	-----	-----	-----	-----	-----	-----	622,626
4111 WATER-----	3,415	-----	-----	-----	-----	-----	-----	3,415
4112 COMMODITIES, NEC-----	11,709	4,283	7,426	-----	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,975	-----	6,975	-----	-----	-----	-----	-----
TOTAL TON-MILES, 198,355,490.								

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM UPPER NEW YORK BAY TO THROGS NECK, CONTROLLING DEPTH: 40 FEET FROM UPPER BAY TO WALLABOUT CHANNEL; BALANCE OF WATERWAY RANGES FROM 20 TO 35 FEET. PROJECT DEPTH: 40 FEET TO FORMER BROOKLYN NAVY YARD; 35 FEET ABOVE THE FORMER BROOKLYN NAVY YARD. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 16 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC								MILES APPROXIMATELY PASSENGERS
				RAILROAD FREIGHT CARS								
				RECEIPTS		SHIPMENTS		LOCAL				
				EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED			
1973-----	24,831,417	18,912,028	30,939,499	1,341	22,182	19,401	2,710	-----	-----	-----	853,422	
1974-----	18,122,834	19,914,318	29,879,546	2,737	37,121	34,079	5,042	-----	-----	-----	643,792	
1975-----	16,110,727	18,010,127	27,635,519	1,074	20,262	35,138	2,620	-----	-----	-----	651,411	
1976-----	14,083,927	18,051,730	27,722,643	1,552	9,944	10,045	1,990	-----	-----	-----	544,137	
1977-----	17,849,498	17,706,468	27,487,649	7,240	1,117	1,104	6,007	-----	-----	-----	545,454	
1978-----	16,193,852	18,635,431	29,000,787	282	8,262	8,426	984	-----	-----	-----	626,144	
1979-----	18,676,735	19,262,176	24,627,148	4,241	867	745	1,423	-----	-----	-----	590,144	
1980-----	18,569,869	19,253,933	30,053,102	6,159	5,364	4,817	6,550	-----	-----	-----	679,447	
1981-----	12,680,540	20,462,451	29,427,108	1,591	6,765	6,554	1,944	-----	-----	-----	-----	
1982-----	11,957,435	19,930,280	31,049,134	1,452	8,014	7,474	2,201	-----	-----	-----	458,725	

Waterborne Commerce of the United States, 1982

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	11,957,435	1,997,863	263,393	865,715	155,904	378,846	2,279,911	6,015,803
0101 COTTON, RAW	13	13						
0103 CORN	1,278	3	1,275					
0105 RICE	46							
0106 SORGHUM GRAINS	42							
0111 SOYBEANS	3							
0119 OILSEEDS, NEC	53	6	47					
0121 TOBACCO, LEAF	843	740	103					
0129 FIELD CROPS, NEC	363	332	31					
0131 FRESH FRUITS	139	23	116					
0132 BANANAS AND PLANTAINS	290,954	290,954						
0133 COFFEE	73,613	63,363	24					10,226
0134 COCA REINS	2,515	2,404	111					
0141 FRESH AND FROZEN VEGETABLES	2,345	934	1,411					
0161 ANIMALS AND PRODUCTS, NEC	694	325	369					
0191 MISCELLANEOUS FARM PRODUCTS	63	11	52					
0841 CRUDE RUBBER AND ALLIED GUMS	546	505	41					
0861 FOREST PRODUCTS, NEC	1,233	721	512					
0911 FRESH FISH, EXCEPT SHELLFISH	139	100	39					
0912 SHELLFISH, EXCEPT PREPARED	3,312	3,291	21					
1051 ALUMINUM ORES, CONCENTRATED	47		47					
1091 NONFERROUS ORES, CONCENT, NEC	849	844	25					
1121 COAL AND LIGNITE	173		173					
1311 CRUDE PETROLEUM	344	344						
1411 LIMESTONE	351		351					
1412 BUILDING STONE, UNWORKED	432		432					
1442 SAND, GRAVEL, CRUSHED ROCK	225,664	127	247	33,850		190,840		
1451 CLAY	2,400	846	2,004					
1491 SALT	229		229					
1492 SULPHUR, DRY	20		20					
1499 NONMETALLIC MINERALS, NEC	5,168	46	5,122					
1911 ORDNANCE AND ACCESSORIES	346		346					
2011 MEAT, FRESH, CHILLED, FROZEN	3,464	317	3,147					
2012 MEAT AND PRODUCTS, NEC	206	20	186					
2014 TALLOW, ANIMAL FATS AND OILS	12,094		12,094					
2015 ANIMAL BY-PRODUCTS, NEC	66	27	39					
2021 DAIRY PRODUCTS, NEC	93	21	62					
2022 DRIED MILK AND CREAM	91		91					
2031 FISH AND SHELLFISH, PREPARED	846	747	59					
2034 VEGETABLES AND PREP, NEC	1,399	669	730					
2039 PREP FRUIT AND VEG JUICE, NEC	40,460	39,544	492					
2041 WHEAT FLOUR AND SEMOLINA	60		60					
2042 ANIMAL FEEDS	1,386	98	1,288					
2049 GRAIN MILL PRODUCTS, NEC	2,424	169	2,259					
2061 SUGAR	184,489	84,549	180	101,760				
2062 MOLASSES	11,347		3,136		8,211			
2081 ALCOHOLIC BEVERAGES	433	55	378					
2091 VEGETABLE OILS, MARG, SHORT	14,998	9,700	398					6,400
2092 ANIMAL OILS AND FATS, NEC	2		2					
2099 MISCELLANEOUS FOOD PRODUCTS	11,456	7,449	3,787					
2111 TOBACCO MANUFACTURES	40	16	24					
2111 BASIC TEXTILE PRODUCTS	7,695	2,119	5,576					
2212 TEXTILE FIBERS, NEC	27		27					
2311 APPAREL	459	258	401					
2411 LOGS	241	164	77					
2413 FUEL WOOD, CHARCOAL, WASTES	92		92					
2416 WOOD CHIPS, STAVES, HOLDINGS	34	31	5					
2421 LUMBER	62,714	62,452	266					
2431 VENEER, PLYWOOD, WORKED WOOD	46	23	23					
2491 WOOD MANUFACTURES, NEC	698	368	330					
2511 FURNITURE AND FIXTURES	775	195	580					
2611 PULP	158		158					
2631 PAPER AND PAPERBOARD	10,865	859	10,006					
2691 PULP AND PAPER PRODUCTS, NEC	1,475	41	1,434					
2711 PRINTED MATTER	3,687	1,202	2,485					
2811 CRUDE TAR, OIL, GAS PRODUCTS	23		23					
2812 DYES, PIGMENT, TANNING MATS	481		481					
2813 ALCOHOLS	18		18					
2816 RADIOACTIVE MATERIALS, WASTES	4		4					
2819 BASIC CHEMICALS AND PROD, NEC	21,414	3,116	18,298					
2821 PLASTIC MATERIALS	13,361	1,127	12,234					
2822 SYNTHETIC RUBBER	2,213		2,213					
2823 SYNTHETIC (MAN-MADE) FIBERS	285	82	203					
2831 DRUGS	884	129	759					
2841 SOAP	4,450	1,226	3,224					
2851 PAINTS	1,450	83	1,367					
2861 GUM AND WOOD CHEMICALS	59		59					
2871 NITROGENOUS CHEM FERTILIZERS	96		96					
2874 INSECTICIDES, DISINFECTANTS	368		368					
2879 FERTILIZER AND MATERIALS, NEC	3,742		4					3,738
2881 MISCELLANEOUS CHEMICAL PROD	8,402	814	7,688					
2911 GASOLINE	24,389		271				2,114	14,004
2912 JET FUEL	842							842
2913 KEROSENE	27,491	16,048	17			711		10,919
2914 DISTILLATE FUEL OIL	934,095		2	41,026		44,901	29,115	707,807
2915 RESIDUAL FUEL OIL	6,357,650	1,359,032		469,079		44,434	75,203	4,145,712
2916 LUBRICATING OILS AND GREASES	4,051		4,207					1,844
2918 ASPHALT, TAR, AND BITUMENS	264		264					
2920 COKE, PETROLEUM COKE	212		212					
2921 LIQUEFIED GASES	104		104					
2951 ASPHALT BUILDING MATERIALS	120		120					
2991 PETROLEUM AND COAL PROD, NEC	9,629	1,229	701					7,699
3011 RUBBER AND MISC PLASTIC PROD	3,127	1,076	2,251					

NEW YORK, NY, DISTRICT

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EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3111 LEATHER AND LEATHER PRODUCTS-----	5,838	5,619	219					
3211 GLASS AND GLASS PRODUCTS-----	1,406	66	1,340					
3241 BUILDING CEMENT-----	159,399		508			158,891		
3251 STRUCTURAL CLAY PRODUCTS-----	1,418	76	1,342					
3271 LIME-----	268		268					
3281 CUT STONE AND STONE PRODUCTS-----	761	752	9					
3291 MISC NONMETALLIC MINERAL PROD-----	2,102	696	1,406					
3314 IRON AND STEEL PRIMARY FORMS-----	471	433	38					
3315 IRON, STEEL SHAPES, EXC SHEET-----	3,064	2,200	864					
3316 IRON AND STEEL PLATES, SHEETS-----	13,099		13,099					
3317 IRON AND STEEL PIPE AND TUBE-----	3,502	1,213	2,289					
3318 FERROALLOYS-----	23		23					
3319 IRON AND STEEL PRODUCTS, NEC-----	950	163	787					
3321 NONFERROUS METALS, NEC-----	3,675	2,344	1,331					
3322 COPPER ALLOYS, UNWORKED-----	11,875	9,676	1,668					533
3323 LEAD AND ZINC, UNWORKED-----	3,177	2,750	427					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	524	14	510					
3411 FABRICATED METAL PRODUCTS-----	8,269	1,979	6,290					
3511 MACHINERY, EXCEPT ELECTRICAL-----	29,416	2,179	27,237					
3611 ELECTRICAL MACH AND EQUIP-----	21,031	213	20,818					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	15,800	1,558	14,242					
3721 AIRCRAFT AND PARTS-----	90		90					
3731 SHIPS AND BOATS-----	40		40					
3791 MISC TRANSPORTATION EQUIPMENT-----	2,144	205	1,939					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,240	92	2,148					
3911 MISC MANUFACTURED PRODUCTS-----	1,172	310	862					
4011 IRON AND STEEL SCRAP-----	102,898	41	25,419		14,447			62,491
4012 NONFERROUS METAL SCRAP-----	756		756					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	16,572	1,081	15,491					
4024 PAPER WASTE AND SCRAP-----	1,533		1,533					
4029 WASTE AND SCRAP, NEC-----	3,124,579					2,700,440		924,139
4111 WATER-----	8,288							4,288
4112 COMMODITIES, NEC-----	1,974	824	1,069					81
9999 DEPARTMENT OF DEFENSE AND SCI-----	569		569					
TOTAL TON-MILES, 577,703,961.								

NEWTOWN CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO JOHNSON AVENUE, CONTROLLING DEPTH: MAIN CHANNEL, 20 FEET TO 12 FEET FROM EAST RIVER TO SOUTH END OF TURNING BASIN; BALANCE OF WATERWAY RANGES BETWEEN 12 AND 16 FEET. PROJECT DEPTH: 23, 20, AND 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 5.2 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	5,272,950	1978-----	4,209,403
1974-----	5,418,247	1979-----	3,275,214
1975-----	4,666,772	1980-----	3,846,870
1976-----	4,557,921	1981-----	2,906,744
1977-----	4,399,921	1982-----	2,109,605

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	LOCAL
		RECEIPTS	SHIPMENTS		
TOTAL-----	2,109,603	180,808	36,639	179,161	1,712,995
1442 SAND, GRAVEL, CRUSHED ROCK-----	341,101	161,578	1,143	179,380	
1499 NONMETALLIC MINERALS, NEC-----	1,300				1,300
2018 SULPHURIC ACID-----	1,750	1,750			
2911 GASOLINE-----	410,439	2,123			408,316
2913 KEROSENE-----	30,350				30,350
2914 DISTILLATE FUEL OIL-----	385,164	2,228			382,936
2915 RESIDUAL FUEL OIL-----	135,208				135,208
2917 NAPHTHA, PETROLEUM SOLVENTS-----	20,293				20,293
2991 PETROLEUM AND COAL PROD, NEC-----	19,234				19,234
3322 COPPER ALLOYS, UNWORKED-----	43,183	13,129	29,521		533
4011 IRON AND STEEL SCRAP-----	156,138			781	155,357
4029 WASTE AND SCRAP, NEC-----	369,483		5,975		359,469
TOTAL TON-MILES, 3,278,495.					

Waterborne Commerce of the United States, 1982

HUTTMILK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO ANCHORAGE CHANNEL. CONTROLLING DEPTH: 35-FOOT PROJECT WESTERNLY HALF OF CHANNEL, DEPTH AT 35 FEET; 40-FOOT PROJECT EASTERLY HALF OF CHANNEL, DEPTH AT 40 FEET. PROJECT DEPTH: 35 FEET AND 40 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS			
				RECEIPTS		SHIPMENTS	
				EMPTY	LOADED	EMPTY	LOADED
1973	1,932,598	28	664,129	567	8,314	5,797	3,403
1974	2,237,872	907	733,194	499	9,116	7,640	2,110
1975	1,664,704	26	694,469	224	7,034	6,062	1,331
1976	1,353,982	5	674,762	168	5,707	4,443	1,133
1977	1,645,738	6	847,126	816	4,594	4,052	967
1978	1,502,187		744,107	130	3,762	3,048	130
1979	1,123,423		551,819				
1980	1,120,740		412,261	12	359	398	34
1981	995,534		455,018				
1982	777,571		431,623	69	2625	2430	160

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC
		IMPORTS	EXPORTS	LOCAL
TOTAL	777,571	438,568	208,680	130,323
0101 COTTON, RAW	8	8		
0103 CORN	103		103	
0105 RICE	271	271		
0106 SORGHUM GRAINS	1		1	
0111 SOYBEANS	57		57	
0119 OILSEEDS, NEC	263	263		
0121 TORACCO, LEAF	1,869	1,460	9	
0129 FIELD CROPS, NEC	6,715	6,695	20	
0131 FRESH FRUITS	780	23	766	
0132 BANANAS AND PLANTAINS	5,172	5,172		
0133 COFFEE	130,374	112,099	239	18,036
0134 COCOA BEANS	416	416		
0141 FRESH AND FROZEN VEGETABLES	2,057	1,541	516	
0151 LIVE ANIMALS	9	9		
0161 ANIMALS AND PRODUCTS, NEC	1,540	564	1,012	
0191 MISCELLANEOUS FARM PRODUCTS	106	97	9	
0841 CRUDE RUBBER AND ALLIED GUMS	7,443	7,697	146	
0861 FOREST PRODUCTS, NEC	29,723	29,404	319	
0911 FRESH FISH, EXCEPT SHELLFISH	404	790	16	
0912 SHELLFISH, EXCEPT PREPARED	3,319	3,318	1	
1011 IRON ORE AND CONCENTRATES	190		190	
1051 ALUMINUM ORES, CONCENTRATES	64		64	
1091 NONFERROUS ORES, CONCENT, NEC	5,237	5,234	3	
1121 COAL AND LIGNITE	57		57	
1411 Limestone	230	23	207	
1442 SAND, GRAVEL, CRUSHED ROCK	944	531	413	
1451 CLAY	1,612	654	958	
1491 SALT	168		168	
1492 SULPHUR, DRY	82		82	
1499 NONMETALLIC MINERALS, NEC	1,419	973	446	
1911 ORDNANCE AND ACCESSORIES	205	92	113	
2011 MEAT, FRESH, CHILLED, FROZEN	1,633	205	1,428	
2012 MEAT AND PRODUCTS, NEC	1,070	1,017	53	
2014 TALLOW, ANIMAL FATS AND OILS	17,987		17,987	
2015 ANIMAL BY-PRODUCTS, NEC	1,141	1,048	73	
2021 DAIRY PRODUCTS, NEC	502	498	4	
2022 DRIED MILK AND CREAM	212		212	
2031 FISH AND SHELLFISH, PREPARED	1,774	1,696	78	
2034 VEGETABLES AND PREP, NEC	3,941	3,756	235	
2039 PREP FRUIT AND VEG JUICE, NEC	24,776	24,612	164	
2041 WHEAT FLOUR AND SEMOLINA	36		36	
2042 ANIMAL FEEDS	1,340	93	1,247	
2049 GRAIN MILL PRODUCTS, NEC	1,920	1,294	635	
2061 SUGAR	7,203	7,202	1	
2062 MOLASSES	166		166	
2081 ALCOHOLIC BEVERAGES	3,314	2,942	336	
2091 VEGETABLE OILS, MARG, SHORT	14,017	14,039	234	6,844
2099 MISCELLANEOUS FOOD PRODUCTS	36,493	34,352	2,141	
2111 TORACCO MANUFACTURES	152	2	150	
2211 BASIC TEXTILE PRODUCTS	21,927	17,974	3,553	
2212 TEXTILE FIBERS, NEC	2,674	2,670	4	
2311 APPAREL	5,535	4,741	754	
2411 LOGS	204	66	142	
2413 FUEL WOOD, CHARCOAL, WASTES	4		4	
2414 WOOD CHIPS, STAVES, BUILDINGS	24	26		
2421 LUMBER	1,444	1,461	387	
2431 VENEER, PLYWOOD, WORKED WOOD	1,454	1,434	22	
2491 WOOD MANUFACTURES, NEC	1,644	1,349	295	
2511 FURNITURE AND FIXTURES	1,304	690	615	
2611 PULP	1,154	845	310	
2631 PAPER AND PAPERBOARD	7,779	2,411	5,368	
2691 PULP AND PAPER PRODUCTS, NEC	2,014	401	1,617	
2711 PRINTED MATTER	1,954	415	1,543	
2811 CRUDE TAR, OIL, GAS PRODUCTS	24		24	
2812 DYES, PIGMENT, TANNING MATS	374		374	
2813 ALCOHOLS	134		134	
2916 RADIOACTIVE MATERIALS, WASTES	4	2	3	

NEW YORK, NY, DISTRICT

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HUTTENRICK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC
		IMPORTS	EXPORTS	LOCAL
2819 BASIC CHEMICALS AND PROD, NEC	26,382	8,240	18,142	
2821 PLASTIC MATERIALS	14,078	7,885	6,193	
2822 SYNTHETIC RUBBER	314		314	
2823 SYNTHETIC (MAN-MADE) FIBERS	2,303	2,136	167	
2831 DRUGS	1,782	762	1,020	
2841 SOAP	4,110	1,988	2,122	
2851 PAINTS	2,203	1,197	1,006	
2861 GUM AND WOOD CHEMICALS	79	24	55	
2871 NITROGENOUS CHEM FERTILIZERS	484		484	
2873 PHOSPHATIC CHEM FERTILIZERS	387		387	
2876 INSECTICIDES, DISINFECTANTS	1,767	557	1,210	
2879 FERTILIZER AND MATERIALS, NEC	90		90	
2891 MISCELLANEOUS CHEMICAL PROD	5,244	1,213	4,031	
2911 GASOLINE	283		283	
2914 DISTILLATE FUEL OIL	17,592			17,592
2915 RESIDUAL FUEL OIL	122,083	56,503		65,580
2916 LUBRICATING OILS AND GREASES	4,720		2,928	1,792
2918 ASPHALT, TAR, AND BITUMENS	231		231	
2920 COKE, PETROLEUM COKE	24		24	
2921 LIQUEFIED GASES	318		338	
2951 ASPHALT BUILDING MATERIALS	146		146	
2991 PETROLEUM AND COAL PROD, NEC	1,102	878	224	
3011 RUBBER AND MISC PLASTIC PROD	4,437	3,919	2,518	
3111 LEATHER AND LEATHER PRODUCTS	12,158	9,489	2,669	
3211 GLASS AND GLASS PRODUCTS	2,260	976	1,284	
3241 BUILDING CEMENT	182		182	
3251 STRUCTURAL CLAY PRODUCTS	2,911	2,582	329	
3271 LIME	44		44	
3281 CUT STONE AND STONE PRODUCTS	3,317	3,316	1	
3291 MISC NONMETALLIC MINERAL PROD	3,214	2,251	963	
3314 IRON AND STEEL PRIMARY FORMS	24	2	26	
3315 IRON, STEEL SHAPES, EXC SHEET	6,062	5,086	976	
3316 IRON AND STEEL PLATES, SHEETS	10,010		10,010	
3317 IRON AND STEEL PIPE AND TUBE	7,122	5,181	1,941	
3318 FERROALLOYS	14	13	1	
3319 IRON AND STEEL PRODUCTS, NEC	708	257	451	
3321 NONFERROUS METALS, NEC	4,373	3,305	1,068	
3322 COPPER ALLOYS, UNWORKED	18,178	8,681	9,537	
3323 LEAD AND ZINC, UNWORKED	2,834	2,755	79	
3324 ALUMINUM AND ALLOYS, UNWORKED	1,445	888	557	
3411 FABRICATED METAL PRODUCTS	21,773	15,625	5,048	
3511 MACHINERY, EXCEPT ELECTRICAL	29,586	4,270	25,316	
3611 ELECTRICAL MACH AND EQUIP	12,730	2,183	10,547	
3711 MOTOR VEHICLES, PARTS, EQUIP	10,656	1,229	9,427	
3721 AIRCRAFT AND PARTS	274	4	270	
3731 SHIPS AND BOATS	74	6	68	
3791 MISC TRANSPORTATION EQUIPMENT	2,276	438	1,840	
3811 INSTR, TIME, PHOTO, OPT GOODS	2,171	186	2,005	
3911 MISC MANUFACTURED PRODUCTS	2,153	1,123	1,030	
4011 IRON AND STEEL SCRAP	6,583		6,583	
4012 NONFERROUS METAL SCRAP	2,887	20	2,867	
4022 TEXTILE WASTE, SCRAP, SHEEP	5,825	845	4,980	
4024 PAPER WASTE AND SCRAP	2,041	52	1,989	
4111 WATER	500		500	
4112 COMMODITIES, NEC	2,257	1,019	1,238	
9999 DEPARTMENT OF DEFENSE AND SCI	9,365		9,365	
TOTAL TON-MILES	2,450,057			

RAY RIDGE AND RED HOOK CHANNELS, N. Y.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM NARROWS TO BUTTERNICK CHANNEL. CONTROLLING DEPTH: 40 FEET FROM NARROWS TO 60TH STREET PIER, BROOKLYN;
BALANCE OF WATERWAY RANGES FROM 30 TO 37 FEET. PROJECT DEPTH: 40 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS		SHIPMENTS	
				RECEIPTS	EMPTY	LOADS	EMPTY
1973	2,562,735	11,518	3,358,770	111	226	103	5
1974	2,813,738	17,048	2,878,280	18	107	52	10
1975	2,739,355	4,513	2,575,592	768	7,256	25	1
1976	2,836,904	8,856	2,600,562				
1977	2,457,885	118,452	3,117,239				
1978	2,301,608	218,133	2,620,589	1,156	123	21	1,267
1979	1,683,504		2,379,412	161	4,880	4,141	1,065
1980	1,937,273		2,006,237	90	1,901	1,885	220
1981	2,059,639		1,457,815				
1982	1,598,006		1,375,991				

Waterborne Commerce of the United States, 1982

RAY RIDGE AND RED HOOK CHANNELS, N. Y.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

ENROUTE TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	1,595,096	450,744	247,829	50,100	11,837	1,937	120,146	512,463
0103 CORN	291	19	272					
0105 RICE	237	203	34					
0106 SOYBEAN GRAINS	134		134					
0111 SOYBEANS	20		20					
0119 OILSEEDS, NEC	155	155						
0121 TOBACCO, LEAF	1,759	1,714	45					
0129 FIELD CROPS, NEC	3,348	3,216	132					
0131 FRESH FRUITS	1,279	417	862					
0132 BANANAS AND PLANTAINS	1,773	1,773						
0133 COFFEE	55,214	43,252	31					11,931
0134 COCOA BEANS	1,479	1,479						
0141 FRESH AND FROZEN VEGETABLES	1,177	459	718					
0161 ANIMALS AND PRODUCTS, NEC	409	650	159					
0191 MISCELLANEOUS FARM PRODUCTS	37	37						
0441 CRUDE RUBBER AND ALLIED GUMS	1,554	1,500	54					
0461 FOREST PRODUCTS, NEC	3,405	3,679	126					
0911 FRESH FISH, EXCEPT SHELLFISH	1,174	1,097	77					
0912 SHELLFISH, EXCEPT PREPARED	1,915	1,670	45					
1051 ALUMINUM ORES, CONCENTRATES	19		19					
1091 NONFERROUS ORES, CONCENT, NEC	60	58	2					
1121 COAL AND LIGNITE	347		347					
1311 CRUDE PETROLEUM	9		9					
1411 LIMESTONE	216		216					
1412 BUILDING STONE, UNWORKED	1,992		1,992					
1442 SAND, GRAVEL, CRUSHED ROCK	3,269	1,017	315			1,937		
1451 CLAY	1,206		96					
1491 SALT	65	2	58					
1499 NONMETALLIC MINERALS, NEC	1,267	1	1,266					
1911 ORDNANCE AND ACCESSORIES	1,001	188	813					
2011 MEAT, FRESH, CHILLED, FROZEN	4,230	641	3,597					
2012 MEAT AND PRODUCTS, NEC	13,644	12,741	903					
2014 TALLOW, ANIMAL FATS AND OILS	19,604		14,827					4,781
2015 ANIMAL BY-PRODUCTS, NEC	2,251	1,184	1,067					
2021 DAIRY PRODUCTS, NEC	2,169	2,145	24					
2022 DRIED MILK AND CREAM	212		212					
2031 FISH AND SHELLFISH, PREPARED	2,414	2,142	272					
2034 VEGETABLES AND PREP, NEC	16,435	15,235	1,600					
2039 PREP FRUIT AND VEG JUICE, NEC	15,544	15,118	470					
2041 WHEAT FLOUR AND SEMOLINA	202		202					
2042 ANIMAL FEEDS	2,044	331	1,717					
2049 GRAIN MILL PRODUCTS, NEC	7,915	4,776	3,139					
2061 SUGAR	155,871	105,624	147	50,100				
2062 MOLASSES	5,458		560		4,898			
2081 ALCOHOLIC BEVERAGES	16,843	15,892	951					
2091 VEGETABLE OILS, MARG, SHORT	13,264	9,667	1,123		1,082			1,392
2092 ANIMAL OILS AND FATS, NEC	31		31					
2099 MISCELLANEOUS FOOD PRODUCTS	25,648	19,804	5,844					
2111 TOBACCO MANUFACTURES	106		106					
2211 BASIC TEXTILE PRODUCTS	14,354	11,090	4,256					
2212 TEXTILE FIBERS, NEC	516	506	10					
2311 APPAREL	4,309	3,632	677					
2411 LOGS	334		334					
2413 FUEL WOOD, CHARCOAL, WASTES	321		321					
2414 TIMBER, POSTS, POLES, PILING	16	16						
2416 WOOD CHIPS, STAVES, MOLDINGS	5	5						
2421 LUMBER	2,929	852	2,077					
2431 VENEER, PLYWOOD, WORKED WOOD	1,766	1,762	4					
2491 WOOD MANUFACTURES, NEC	1,831	1,190	641					
2511 FURNITURE AND FIXTURES	27,821	26,182	1,639					
2611 PULP	206	179	27					
2631 PAPER AND PAPERBOARD	10,054	5,759	4,295					
2691 PULP AND PAPER PRODUCTS, NEC	7,049	751	6,318					
2711 PRINTED MATTER	2,390	1,272	1,118					
2811 CRUDE TAR, OIL, GAS PRODUCTS	48		48					
2812 DYES, PIGMENT, TANNING MATS	285		285					
2813 ALCOHOLS	5		5					
2819 BASIC CHEMICALS AND PROD, NEC	13,134	7,296	5,838					
2921 PLASTIC MATERIALS	17,452	4,445	13,407					
2922 SYNTHETIC RUBBER	336		336					
2923 SYNTHETIC (MAN-MADE) FIBERS	669	245	344					
2931 DRUGS	2,458	1,614	1,244					
2941 SOAP	4,625	1,301	3,324					
2951 PAINTS	3,553	1,365	2,188					
2961 GUM AND WOOD CHEMICALS	40		40					
2971 NITROGENOUS CHEM FERTILIZERS	210		210					
2973 PHOSPHATIC CHEM FERTILIZERS	564		564					
2976 INSECTICIDES, DISINFECTANTS	719	213	506					
2979 FERTILIZER AND MATERIALS, NEC	148		148					
2991 MISCELLANEOUS CHEMICAL PROD	4,560	534	4,022					
2911 GASOLINE	4,102		245		1,457			
2912 JET FUEL	4,090							4,090
2913 KEROSENE	10,919							10,919
2914 DISTILLATE FUEL OIL	21,931		115					21,916
2915 RESIDUAL FUEL OIL	127,620							127,620
2916 LUBRICATING OILS AND GREASES	4,088	6	3,124					954
2917 NAPHTHA, PETROLEUM SOLVENTS	23							23
2918 ASPHALT, TAR, AND BITUMENS	450		450					
2920 FINE, PETROLEUM COKE	8		8					
2921 LIQUEFIED GASES	1,969		1,969					
2931 ASPHALT BUILDING MATERIALS	433		433					
2991 PETROLEUM AND COAL PROD, NEC	401	317	84					

NEW YORK, NY, DISTRICT

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MAY RIDGE AND RED HOOK CHANNELS, N. Y.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3011 RUBBER AND MISC PLASTIC PROD-----	4,579	5,243	1,336	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	12,979	12,307	672	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	13,906	12,404	1,502	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	80	-----	80	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	10,366	9,130	1,236	-----	-----	-----	-----	-----
3271 LIME-----	2	-----	2	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	4,430	4,797	33	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3,578	2,231	1,347	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	570	455	115	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	4,319	3,960	359	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	9,804	-----	9,804	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	5,713	3,993	1,720	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	12	-----	12	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	400	160	500	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	2,104	1,206	898	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	4,741	8,161	620	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	1,223	443	780	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	7,059	6,067	992	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	20,612	13,317	7,295	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	34,502	11,732	20,770	-----	2,000	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	13,010	3,327	9,683	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,248	2,223	4,025	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	564	8	556	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	388	25	363	-----	-----	-----	-----	-----
3741 MISC TRANSPORTATION EQUIPMENT-----	554	26	528	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,409	242	1,297	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	4,706	2,910	1,796	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	14,937	-----	14,937	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	6,863	-----	6,863	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	12,076	1,529	10,547	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	24,688	1,211	27,677	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	645,123	-----	-----	-----	-----	-----	120,186	324,937
4112 COMMODITIES, NEC-----	2,450	747	1,663	-----	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	5,571	-----	5,571	-----	-----	-----	-----	-----
TOTAL TON-MILES-----	6,623,376	-----	-----	-----	-----	-----	-----	-----

GONAVUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM 24TH STREET TO HAMILTON AVENUE BRIDGE. CONTROLLING DEPTH: 30 FEET FROM ENTRANCE TO PERCEVAL STREET, THENCE 24 FEET TO SIGOURNEY STREET, THENCE 15 FEET TO HAMILTON AVE.; 29 FEET IN BRANCH CHANNEL IN HENRY ST. BASIN. PROJECT DEPTH: 30 FEET AND 18 FEET ALL AT MEAN LOW WATER. PROJECT LENGTH: 0.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
			RAILROAD FREIGHT CARS			
			RECEIPTS		SHIPMENTS	
			EMPTY	LOADED	EMPTY	LOADED
1973-----	3,963,697	478,974	10	21	30	1
1974-----	3,676,931	572,475	10	21	39	-----
1975-----	3,330,675	429,141	13	140	201	12
1976-----	3,174,742	345,942	6	44	50	-----
1977-----	3,200,445	545,165	-----	-----	-----	-----
1978-----	2,645,074	503,847	-----	-----	-----	-----
1979-----	2,563,264	498,598	-----	-----	-----	-----
1980-----	2,211,114	418,242	-----	-----	-----	-----
1981-----	1,909,524	402,595	-----	-----	-----	-----
1982-----	1,440,791	430,711	-----	-----	-----	-----

FREIGHT TRAFFIC, 1962

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERIOR	
				RECEIPTS	RECEIPTS	
TOTAL-----	1,440,791	178,243	112,452	71,641	102,060	975,41
0103 CORN-----	94	-----	94	-----	-----	-----
0111 SOYBEANS-----	740	-----	740	-----	-----	-----
0119 OILSEEDS, NEC-----	35	22	13	-----	-----	-----
0121 TOBACCO, LEAF-----	235	213	22	-----	-----	-----
0129 FIFLD CROPS, NEC-----	122	110	12	-----	-----	-----
0131 FRESH FRUITS-----	31	-----	31	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	2,369	2,369	-----	-----	-----	-----
0133 COFFEE-----	79,172	48,040	4	-----	-----	31,12
0134 COCOA BEANS-----	812	812	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,459	1,204	255	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	1,431	1,432	99	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	39	39	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	304	270	34	-----	-----	-----
0841 FOREST PRODUCTS, NEC-----	4,072	5,629	443	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,944	2,511	433	-----	-----	-----
0912 SMFLFISH, EXCEPT PREPARED-----	3,774	3,750	24	-----	-----	-----

Waterborne Commerce of the United States, 1982

GOVANUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	RECEIPTS	
1051 ALUMINUM ORES, CONCENTRATES-----	24	-----	24	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	291	240	51	-----	-----	-----
1121 COAL AND LIGNITE-----	1A	-----	1A	-----	-----	-----
1411 LIMESTONE-----	72	-----	72	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	134	-----	134	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	111,816	75	39	14,610	97,092	-----
1451 CLAY-----	324	140	184	-----	-----	-----
1491 SALT-----	224	-----	224	-----	-----	-----
1492 SULPHUR, DRY-----	4	-----	4	-----	-----	-----
1499 NON-METALLIC MINERALS, NEC-----	44A	-----	44A	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	21	2	19	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	3,826	76	3,750	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	4,457	3,829	628	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	417	-----	417	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	189	130	59	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	4,134	4,054	79	-----	-----	-----
2022 DRIED MILK AND CREAM-----	41	11	70	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	412	109	303	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	3,074	2,105	969	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	16,128	17,854	274	-----	-----	-----
2041 MEAT FLOUR AND SEMOLINA-----	41	-----	41	-----	-----	-----
2042 ANIMAL FEEDS-----	2,956	74	2,882	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,095	149	946	-----	-----	-----
2061 SUGAR-----	7,040	-----	7,040	-----	-----	-----
2062 MOLASSES-----	12	2	10	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	1,917	764	1,149	-----	-----	-----
2091 VEGETABLE OILS, MAKE, SHORT-----	36,131	20,494	431	-----	-----	15,406
2092 ANIMAL OILS AND FATS, NEC-----	236	-----	236	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	19,452	17,372	2,080	-----	-----	-----
2111 TORACCO MANUFACTURES-----	47	21	46	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	5,094	2,342	2,752	-----	-----	-----
2311 APPAREL-----	1,046	346	700	-----	-----	-----
2411 LOGS-----	45	45	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	15	-----	15	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	1,162	1,162	-----	-----	-----	-----
2421 LUMBER-----	957	846	71	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	297	251	46	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	760	640	120	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	409	272	137	-----	-----	-----
2611 PULP-----	44	12	32	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	11,059	5,791	5,268	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	1,406	79	1,327	-----	-----	-----
2711 PRINTED MATTER-----	1,827	11	1,816	-----	-----	-----
2811 CRUDE TAN, OIL, GAS PRODUCTS-----	53	-----	53	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	249	-----	249	-----	-----	-----
2813 ALCOHOLS-----	46	46	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	11,145	2,113	9,032	-----	-----	-----
2821 PLASTIC MATERIALS-----	4,366	174	4,192	-----	-----	-----
2822 SYNTHETIC RUBBER-----	1,702	-----	1,702	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	127	55	72	-----	-----	-----
2831 DRUGS-----	764	204	560	-----	-----	-----
2841 SOAP-----	3,436	744	2,692	-----	-----	-----
2851 PATENTS-----	2,342	1,414	928	-----	-----	-----
2861 GUM AND GUM CHEMICALS-----	27	19	8	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	32	-----	32	-----	-----	-----
2872 PHOSPHATIC CHEM FERTILIZERS-----	64	-----	64	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	13	-----	13	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	935	423	512	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	219	-----	219	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	5,034	675	4,359	-----	-----	-----
2911 GASOLINE-----	16,081	-----	163	-----	-----	16,338
2914 DISTILLATE FUEL OIL-----	404,294	-----	34	28,446	-----	379,412
2915 RESIDUAL FUEL OIL-----	560,191	-----	-----	28,225	4,968	526,998
2916 LUBRICATING OILS AND GREASES-----	1,301	1	1,273	-----	-----	27
2918 ASPHALT, TAR, AND PITCHES-----	13	-----	13	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	268	-----	268	-----	-----	-----
2921 LIQUEFIED GASES-----	22	-----	22	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	12	-----	12	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	4,155	946	147	-----	-----	3,002
3011 RUBBER AND MISC PLASTIC PROD-----	2,730	490	2,240	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	8,050	7,941	109	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,353	20	1,333	-----	-----	-----
3241 BUILDING CEMENT-----	102	-----	102	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	481	536	345	-----	-----	-----
3271 LIME-----	9	-----	9	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	424	442	162	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	689	444	245	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	13	5	8	-----	-----	-----
3315 IRON, STEEL SHAPES, FRC SHEET-----	937	407	130	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	5,783	-----	5,783	-----	-----	-----
3317 IRON AND STEEL PIPE AND TIRE-----	473	145	328	-----	-----	-----
3318 FERROALLOYS-----	57	-----	57	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	662	41	621	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	632	131	501	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	7,425	4,271	49	-----	-----	3,505
3323 LEAD AND ZINC, UNWORKED-----	10	7	3	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,042	652	430	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	4,112	3,651	2,461	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	12,155	2,066	10,109	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	5,442	209	5,233	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,454	1,405	3,049	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	41	-----	41	-----	-----	-----
3731 SHIPS AND BOATS-----	125	2	123	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,160	506	654	-----	-----	-----

NEW YORK, NY, DISTRICT

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GRANIS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE	DOMESTIC INTERNAL	LOCAL
		IMPORTS	EXPORTS	RECEIPTS	DEPARTURES	
3011 INSTR, TIME, PHOTO, OPT GOODS-----	2,184	19	2,165			
3011 MISC MANUFACTURED PRODUCTS-----	617	134	483			
4011 IRON AND STEEL SCRAP-----	125		125			
4012 NONFERROUS METAL SCRAP-----	1,443	74	1,369			
4022 TEXTILE WASTE, SCRAP, SHEEP-----	4,243	133	4,110			
4024 PAPER WASTE AND SCRAP-----	90		90			
8112 COMMODITIES, NEC-----	2,216	1,413	803			
9999 DEPARTMENT OF DEFENSE AND SCT-----	56		56			
TOTAL TON-MILES, 2,071,502.						

CONEY ISLAND CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM NORTON POINT TO DEEP WATER TO SOUTHEAST. CONTROLLING DEPTH: (1970) 20 FEET. PROJECT DEPTH: 20 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 1.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1973-----	4,179,728	1978-----	3,868,785
1974-----	3,622,687	1979-----	3,121,192
1975-----	3,235,187	1980-----	2,885,287
1976-----	3,531,477	1981-----	2,219,138
1977-----	3,632,468	1982-----	1,862,072

EAST ROCKAWAY INLET, N. Y. (DEER INLET)
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: A CHANNEL FROM DEEP WATER IN THE ATLANTIC OCEAN TO A 12-FOOT DEPTH INSIDE EAST ROCKAWAY INLET. CONTROLLING DEPTH: 8 FEET IN CHANNEL. PROJECT DEPTH: 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.0 MILE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	3,208,971	154,440	1978-----	2,953,318	94,160
1974-----	3,004,239	161,564	1979-----	1,724,425	85,600
1975-----	3,085,762	143,302	1980-----	1,571,917	88,970
1976-----	3,256,971	112,670	1981-----	1,771,136	97,290
1977-----	3,194,501	92,210	1982-----	1,852,331	88,420

FREIGHT TRAFFIC, 1942

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH UPBOUND	LOCAL	INTERNAL THROUGH	
				UPBOUND	DOWNBOUND
TOTAL-----	1,852,331	1,328,902	524	472	522,411
0911 FRESH FISH, EXCEPT SHELLFISH-----	222			222	
0912 SHELLFISH, EXCEPT PREPARED-----	350			350	
2011 GASOLINE-----	720,704	720,704			
2013 KEROSENE-----	7,339	7,339			
2014 DISTILLATE FUEL OIL-----	437,918	437,918	356		
2015 RESIDUAL FUEL OIL-----	150,957	150,957			
2091 PETROLEUM AND COAL PROD, NEC-----	3,426	3,426			
4029 WASTE AND SCRAP, NEC-----	522,411				522,411
TOTAL TON-MILES, 1,851,975.					

JAMAICA BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: ENTIRE BAY. CONTROLLING DEPTH: ENTRANCE CHANNEL--20 FEET FROM ATLANTIC OCEAN TO ROCKAWAY POINT, THENCE 18 FEET TO WARREN ISLAND. BRANCH CHANNELS RANGE FROM 12 TO 18 FEET. PROJECT DEPTH: 20, 14, 15 AND 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 19.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	4,535,647	548,596	1978-----	4,204,262	549,333
1974-----	3,857,823	560,754	1979-----	3,881,630	485,618
1975-----	3,594,417	541,018	1980-----	3,315,554	425,472
1976-----	3,960,007	495,360	1981-----	2,840,480	465,286
1977-----	4,052,596	488,156	1982-----	2,505,548	486,460

Waterborne Commerce of the United States, 1982

JAMAICA RAY, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,595,564	10,356	1,981	257,909	725,000	1,600,318
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,648	-----	-----	1,648	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	150	-----	-----	150	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	257,745	2,547	-----	255,198	-----	-----
2011 GASOLINE-----	96,433	-----	1,981	913	-----	957,539
2012 JET FUEL-----	16,270	2,038	-----	-----	-----	13,432
2013 KEROSENE-----	2,548	-----	-----	-----	-----	2,548
2014 DISTILLATE FUEL OIL-----	571,663	-----	-----	-----	-----	571,663
2015 RESIDUAL FUEL OIL-----	56,238	4,971	-----	-----	-----	51,267
2991 PETROLEUM AND COAL PROD, NEC-----	3,869	-----	-----	-----	-----	3,869
4029 WASTE AND SCRAP, NEC-----	725,000	-----	-----	-----	725,000	-----
TOTAL TON-MILES, 30,743,008.						

RARITAN RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN RARITAN BAY TO NEW BRUNSWICK. CONTROLLING DEPTH: MAIN CHANNEL, 25 FEET FROM N. Y. AND N. J. CHANNELS TO JUNCTION OF SOUTH CHANNEL; BALANCE OF WATERWAY RANGES FROM 1 TO 25 FEET. PROJECT DEPTH: 25, 15 AND 10 FEET IN MAIN CHANNEL; 25 AND 10 FEET IN SOUTH CHANNEL. ALL AT MEAN LOW WATER. PROJECT LENGTH: 13.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	10,264,131	1978-----	5,680,388
1974-----	8,977,341	1979-----	5,058,360
1975-----	8,114,969	1980-----	6,399,400
1976-----	5,897,310	1981-----	6,495,476
1977-----	4,384,353	1982-----	5,322,205

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	5,322,205	32,318	500	134,644	529,185	121,299	2,064,345	2,435,914
1311 CRUDE PETROLEUM-----	9,051	-----	-----	9,051	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	130,884	-----	-----	9,585	-----	121,299	-----	-----
1493 SULPHUR, LIQUID-----	39,676	-----	-----	-----	-----	-----	-----	39,676
2018 SULPHURIC ACID-----	7,030	-----	-----	-----	4,530	-----	-----	2,500
2919 BASIC CHEMICALS AND PROD, NEC-----	500	-----	500	-----	-----	-----	-----	-----
2011 GASOLINE-----	7,363	-----	-----	-----	7,355	-----	-----	8
2013 KEROSENE-----	108,186	-----	-----	23,949	-----	-----	459	82,627
2014 DISTILLATE FUEL OIL-----	261,488	-----	-----	-----	26,463	-----	4,719	250,366
2015 RESIDUAL FUEL OIL-----	2,837,479	32,318	-----	82,314	490,126	-----	195,767	2,037,352
2016 LUBRICATING OILS AND GREASES-----	3,804	-----	-----	3,804	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,574	-----	-----	1,325	-----	-----	-----	249
4011 IRON AND STEEL SCRAP-----	27,766	-----	-----	4,574	-----	-----	-----	23,192
4029 WASTE AND SCRAP, NEC-----	1,867,000	-----	-----	-----	-----	-----	1,867,000	-----
TOTAL TON-MILES, 16,832,006.								

UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)*

SECTION INCLUDED: FROM THE NARROWS TO JUNCTION OF HUDSON AND EAST RIVERS. CONTROLLING DEPTH: ANCHORAGE CHANNEL 45 FEET; CHANNEL ALONG N. J. PIERHEAD LINE 19.5 FEET; RED HOOK FLATS ANCHORAGE, 30 FEET AND 45 FEET; LIBERTY ISLAND ANCHORAGE 20 FEET. PROJECT DEPTH AND PROJECT LENGTH: ANCHORAGE CHANNEL 45 FEET, 5.7 MILES; CHANNEL ALONG NEW JERSEY PIERHEAD LINE, 20 FEET, 3 MILES; RED HOOK FLATS ANCHORAGE, 35 AND 45 FEET; LIBERTY (BEDLOE) ISLAND ANCHORAGE 20 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC				AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS		SHIPMENTS		
				RECEIPTS EMPTY	LOADED	RECEIPTS EMPTY	LOADED	
1973-----	42,692,052	20,962,906	150,560,993	3,200	1,794	645	4,146	693,682
1974-----	33,718,620	21,810,844	138,863,408	4,049	1,750	620	4,748	643,792
1975-----	32,274,203	20,922,044	127,250,991	2,523	1,327	521	2,845	651,813
1976-----	31,523,240	20,474,766	127,761,944	3,670	1,012	211	4,351	598,027
1977-----	41,955,727	20,473,641	125,075,150	3,706	881	922	4,124	545,904
1978-----	41,240,545	20,884,838	126,402,349	3,421	835	516	5,136	626,889
1979-----	32,474,381	21,078,003	113,887,383	3,536	610	152	4,023	599,152
1980-----	34,833,524	22,717,873	108,493,524	2,644	6,605	6,261	3,082	679,807
1981-----	31,475,382	23,174,118	101,049,744	6,554	1,946	1,591	4,745	-----
1982-----	26,902,628	22,704,752	100,175,346	7,298	2,340	1,921	10,641	456,795

* DOES NOT INCLUDE THAT PORTION FRONTING BAY RIDGE AND RED HOOK CHANNEL, WHICH IS REPORTED UPON SEPARATELY.

NEW YORK, NY, DISTRICT

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UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)---CONTINUED

FREIGHT TRAFFIC, 1962

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	26,902,628	12,602,792	634,094	2,540,049	1,041,398	15,498	989,693	9,018,796
0102 BARLEY AND RYE-----	235		235					
0104 OATS-----	121	121						
0119 OILSEEDS, NEC-----	21	21						
0121 TOBACCO, LEAF-----	1,517	1,517						
0129 FIELD CROPS, NEC-----	2		1					
0131 FRESH FRUITS-----	271	1	270					
0132 BANANAS AND PLANTAINS-----	82,104	82,104						
0133 COFFEE-----	2,032	2,040						192
0141 FRESH AND FROZEN VEGETABLES-----	29	29						
0161 ANIMALS AND PRODUCTS, NEC-----	174	126	48					
0191 MISCELLANEOUS FARM PRODUCTS-----	74	74						
0841 CRUDE RUBBER AND ALLIED GUMS-----	222	212	10					
0861 FOREST PRODUCTS, NEC-----	69	69						
0911 FRESH FISH, EXCEPT SMELLFISH-----	87	87						
0912 SMELLFISH, EXCEPT PREPARED-----	395	395						
1051 ALUMINUM ORES, CONCENTRATES-----	7	7						
1091 NONFERROUS ORES, CONCENT, NEC-----	128	128						
1311 CRUDE PETROLEUM-----	3,333,718	2,485,615		104,430				743,293
1411 LIMESTONE-----	21		21					
1442 SAND, GRAVEL, CRUSHED ROCK-----	68,901			54,188		14,713		
1451 CLAY-----	6,131	6,130	1					
1491 SALT-----	49,283	49,283						
1499 NONMETALLIC MINERALS, NEC-----	131		131					
1911 ORDNANCE AND ACCESSORIES-----	57	1	56					
2011 MEAT, FRESH, CHILLED, FROZEN-----	2,093	2,025	68					
2012 MEAT AND PRODUCTS, NEC-----	668	644	24					
2014 TALLOW, ANIMAL FATS AND OILS-----	15,370		9,670					5,700
2015 ANIMAL BY-PRODUCTS, NEC-----	83	83						
2021 DAIRY PRODUCTS, NEC-----	979	976	3					
2022 DRIED MILK AND CREAM-----	178	89	89					
2031 FISH AND SMELLFISH, PREPARED-----	102	102						
2034 VEGETABLES AND PREP, NEC-----	268	260	28					
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,574	1,574						
2041 WHEAT FLOUR AND SEMOLINA-----	11		11					
2042 ANIMAL FEEDS-----	204	12	196					
2049 GRAIN MILL PRODUCTS, NEC-----	263	254	9					
2061 SUGAR-----	225,184	225,164	20					
2062 MOLASSES-----	38,400	38,400						
2081 ALCOHOLIC BEVERAGES-----	4,485	4,293	152					
2091 VEGETABLE OILS, MARG, SHORT-----	86,747	55,319			2,204			29,221
2092 ANIMAL OILS AND FATS, NEC-----	517	17						500
2099 MISCELLANEOUS FOOD PRODUCTS-----	901	745	156					
2111 TOBACCO MANUFACTURES-----	52	10	42					
2211 BASIC TEXTILE PRODUCTS-----	1,206	539	667					
2212 TEXTILE FIBERS, NEC-----	4		4					
2311 APPAREL-----	602	581	21					
2411 LOTS-----	33		33					
2413 FUEL WOOD, CHARCOAL, WASTES-----	3,341	3,341						
2421 LUMBER-----	1,051	966	65					
2431 VENEER, PLYWOOD, WORKED WOOD-----	7	7						
2491 WOOD MANUFACTURES, NEC-----	81	79	2					
2511 FURNITURE AND FIXTURES-----	265	199	46					
2611 PULP-----	8,284	8,270	14					
2631 PAPER AND PAPERBOARD-----	315	158	157					
2691 PULP AND PAPER PRODUCTS, NEC-----	352	85	267					
2711 PRINTED MATTER-----	333	183	150					
2810 SODIUM HYDROXIDE-----	9,517				408			6,477
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	42		42					
2812 DYES, PIGMENT, TANNING MATS-----	81		81					
2813 ALCOHOLS-----	2,466				2,466			
2819 BASIC CHEMICALS AND PROD, NEC-----	32,210	15,498	1,426	6,628	5,330			5,424
2821 PLASTIC MATERIALS-----	673	227	446					
2822 SYNTHETIC RUBBER-----	20		20					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	56	50	6					
2831 DRUGS-----	233	191	42					
2841 SOAP-----	202	52	150					
2851 PAINTS-----	687	591	56					
2874 INSECTICIDES, DISINFECTANTS-----	62	59	3					
2879 FERTILIZER AND MATERIALS, NEC-----	20		20					
2891 MISCELLANEOUS CHEMICAL PROD-----	5,455	3,450	2,405					
2911 GASOLINE-----	1,550,567	670,870	18	253,181	181,048		70,588	313,187
2912 JET FUEL-----	295,296			159,287	5,702		5,298	125,083
2913 KEROSENE-----	221,171	46,870		79,877			1,082	20,882
2914 DISTILLATE FUEL OIL-----	1,665,012	53,204	36,345	640,635	59,808		111,672	763,258
2915 RESIDUAL FUEL OIL-----	16,468,114	8,437,616		1,247,884	795,084		795,084	5,391,549
2916 LUBRICATING OILS AND GREASES-----	399,746	363,331	72	15,760				20,583
2917 NAPHTHA, PETROLEUM SOLVENTS-----	152,345			1,049	822			150,474
2918 ASPHALT, TAR, AND BITUMENS-----	23,601	17,164	2					6,435
2991 PETROLEUM AND COAL PROD, NEC-----	968,209	61	317		8,408			983,424
3011 RUBBER AND MISC PLASTIC PROD-----	713	469	244					
3111 LEATHER AND LEATHER PRODUCTS-----	591	561	30					
3211 GLASS AND GLASS PRODUCTS-----	502	346	156					
3251 STRUCTURAL CLAY PRODUCTS-----	168	88	80					
3281 CUT STONE AND STONE PRODUCTS-----	29	29						
3291 MISC NONMETALLIC MINERAL PROD-----	832	789	43					
3314 IRON AND STEEL PRIMARY FORMS-----	8,315	8,315						
3315 IRON, STEEL SHAPES, EXC SHEET-----	304	276	28					
3316 IRON AND STEEL PLATES, SHEETS-----	93		93					
3317 IRON AND STEEL PIPE AND TUBE-----	260	226	34					
3318 FERROALLOYS-----	6							
3319 IRON AND STEEL PRODUCTS, NEC-----	182	172	10					

Waterborne Commerce of the United States, 1982

NEWARK BAY, NEW YORK HARBOR, N. Y., AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3321 NONFERROUS METALS, EXCEPT ALUMINUM	162	137	25					
3322 COPPER ALLOYS, UNMANUFACTURED	1,123	1,096	27					
3323 LEAD AND ZINC, UNMANUFACTURED	2		2					
3324 ALUMINUM AND ALLOYS, UNMANUFACTURED	115	73	42					
3411 FABRICATED METAL PRODUCTS	992	85A	13A					
3411 MACHINERY, EXCEPT ELECTRICAL	2,745	1,423	1,322					
3421 ELECTRICAL MACH. AND EQUIP.	1,378	906	432					
3711 MOTOR VEHICLES, PARTS, EQUIP.	3,641	2,898	747					
3721 AIRCRAFT AND PARTS	10		10					
3731 SHIPS AND BOATS	520	21	499					
3791 MISC. TRANSPORTATION EQUIPMENT	24	1	23					
3811 INSTR., TIME, PHOTO, OPT. GOODS	624	362	262					
3911 MISC. MANUFACTURED PRODUCTS	1,152	1,047	65					
4011 IRON AND STEEL SCRAP	889,953		570,799	16,810		765		301,579
4012 NONFERROUS METAL SCRAP	3,637	57	3,380					
4022 TEXTILE WASTE, SCRAP, SWEEP	409		409					
4024 PAPER WASTE AND SCRAP	293		293					
4111 WASTE	42,327							42,327
4112 COMMODITIES, NEC.	4,510	632	480		1,824			1,574
9999 DEPARTMENT OF DEFENSE AND SCI.	630		630					
TOTAL TONMILES	403,517,999							

NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDES: ENTIRE BAY, CONTROLLING DEPTH: 35 FEET IN NEWARK BAY, INCLUDING BRANCH CHANNELS AT PORT NEWARK AND PORT ELIZABETH TO A POINT 1,200 FEET SOUTH OF C. & N. R. OF N. J. BRIDGE; BALANCE OF WATERWAY RANGES FROM 32 TO 35 FEET. PROJECT DEPTH: 37 FEET IN ROCK, 35 FEET AND 32 FEET IN OTHER MATERIAL. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 6.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC					
				RAILROAD FREIGHT CARS					
				EMPTY	LOADED	EMPTY	LOADED	L	D
1973	21,999,547	979	12,845,198	A	249	256	446		
1974	18,163,699	1,636	11,598,571		131	148	17		
1975	15,504,549	1,780	9,746,430	21	142	163			
1976	17,662,999	1,503	8,395,071	A	15	39			
1977	16,368,749	39	8,908,805						
1978	17,642,367	1,291	9,611,548						
1979	15,666,237		9,098,268						
1980	15,296,849		10,622,497						
1981	15,252,248		10,259,975						
1982	13,936,990		11,611,090						

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	13,936,990	5,294,13A	3,15A,512	761,992	2,539,6A1	14,095	169,819	1,99A,743
0101 COTTON, RAW	2,637	146	2,491					
0102 BAHLEY AND HYE	1,401	14	1,572		15			
0103 CORN	3,466	163	3,303					
0104 OATS	15				15			
0105 RICE	1,517	1,345	119	2	11			
0106 SORGHUM GRAINS	575		48A		87			
0107 WHEAT	13				13			
0111 SOYBEANS	2,030		2,030					
0119 OIL SEEDS, NEC.	9,453	8,00A	1,747		4A			
0121 TOBACCO, LEAF	103,990	99,54A	2,559	1,055	82A			
0122 HAY AND FODDER	52			20	32			
0129 FIELD CROPS, NEC.	11,244	6,5A1	353	4,215	95			
0131 FRESH FRUITS	57,69A	18,031	39,356	311				
0132 BANANAS AND PLANTAINS	435,875	435,875						
0133 COFFEES	93,622	66,862	4,450	17,494	316			4,491
0134 CEREAL BEANS	42,780	16,224	3,424	22,701	431			
0141 FRESH AND FROZEN VEGETABLES	64,074	18,913	12,426		32,735			
0151 LIVE ANIMALS	72	1	47		24			
0161 ANIMALS AND PRODUCTS, NEC.	32,421	12,400	1A,864	221	1,23A			
0191 MISCELLANEOUS FARM PRODUCTS	12,963	11,991	793	47	13A			
0861 CRUDE GUMRES AND ALLIED GUMS	22,455	18,816	1,960	44	1,62A			
0861 FOREST PRODUCTS, NEC.	19,133	15,010	3,244		87A			
0911 FRESH FISH, EXCEPT SHELLFISH	4A,135	35,390	10,644	299				
0912 SHELLFISH, EXCEPT PREPARED	2A,415	23,693	3,940	232	541			
0931 MARINE SHELLS, UNMANUFACTURED	22				22			
1011 IRON ORE AND CONCENTRATES	255		255					
1051 ALUMINUM ORES, CONCENTRATES	12,353	11,727	626					
1061 MANGANESE ORES, CONCENTRATES	391		1A6		20A			
1091 NONFERROUS ORES, CONCENT., NEC.	1,264	2,095	1,171					

NEW YORK, NY, DISTRICT

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NEWARK HAV, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		TOTAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1121 COAL AND LIGNITE-----	297,667	3	297,664					
1311 CRUDE PETROLEUM-----	5							
1411 Limestone-----	2,982	91	2,891					
1412 BUILDING STONE, UNWORKED-----	249		249					
1422 SAND, GRAVEL, CRUSHED ROCK-----	22,491	444	4,954	24	927	14,094		
1451 CLAY-----	67,170	59,495	7,114	22	130			
1471 PHOSPHATE ROCK-----	81		81					
1491 SALT-----	43,401	42,079	1,189		133			
1492 SULPHUR, DRY-----	913		913					
1494 GYPSUM, CRIME AND PLASTER-----	555			112	413			
1499 NONMETALLIC MINERALS, NEC-----	24,076	5,499	15,596	12	1,269			1,500
1911 ORDNANCE AND ACCESSORIES-----	4,568	1,554	4,520	492	2			
2011 MEAT, FRESH, CHILLED, FROZEN-----	120,404	21,242	92,246	314	4,922			
2012 MEAT AND PRODUCTS, NEC-----	44,428	57,259	9,207	44	17,914			5,156
2014 TALLOW, ANIMAL FATS AND OILS-----	73,925		65,746		23			
2015 ANIMAL BY-PRODUCTS, NEC-----	14,170	2,764	12,471	1,344	1,629			
2021 DAIRY PRODUCTS, NEC-----	93,205	74,340	12,547	8	4,270			
2022 DRIED MILK AND CREAM-----	44,495	1,744	27,491	42	22,214			
2031 FISH AND SHELLFISH, PREPARED-----	72,136	36,466	2,171	26,230	4,840			
2034 VEGETABLES AND PREP, NEC-----	175,499	147,754	14,405	20	9,314			
2039 PREP FRUIT AND VEG JUICE, NEC-----	197,340	151,034	13,425	4,194	24,299			
2041 WHEAT FLOUR AND SEMOLINA-----	4,240		5,414		422			
2042 ANIMAL FEEDS-----	58,907	9,050	46,731	14	3,415			
2049 GRAIN MILL PRODUCTS, NEC-----	64,279	43,457	21,403	497	2,322			
2061 SUGAR-----	14,250	4,022	947		5,241			
2062 MOLASSES-----	1,171	27	443	62	444			
2081 ALCOHOLIC BEVERAGES-----	701,153	446,494	27,372	4,140	146,443			41,744
2091 VEGETARIAN OILS, MARG, SHORT-----	227,481	115,162	10,533		11,394			41,744
2092 ANIMAL OILS AND FATS, NEC-----	3,767	1,937	1,195					415
2094 GROCERIES-----	474				474			
2099 MISCELLANEOUS FOOD PRODUCTS-----	244,914	120,045	52,019	10,314	57,406			
2111 TOBACCO MANUFACTURES-----	11,310	3,447	3,276	4,045	542			
2211 BASIC TEXTILE PRODUCTS-----	109,450	65,744	40,512	583	2,411			
2212 TEXTILE FIBERS, NEC-----	7,631	7,140	13	115	325			
2311 APPAREL-----	140,455	106,030	5,551	14,304	14,546			
2411 LOGS-----	17,538	31	17,507					
2413 FUEL WOOD, CHARCOAL, WASTES-----	3,566	752	2,763		51			
2414 TIMBER, POSTS, POLES, PILING-----	369				369			
2416 WOOD CHIPS, STAVES, HOLDINGS-----	5,255	4,629	424					
2421 LUMBER-----	94,779	73,434	21,215		130			
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,592	1,551	1,037		4			
2491 WOOD MANUFACTURES, NEC-----	31,922	20,271	4,184	110	4,167			
2511 FURNITURE AND FIXTURES-----	70,450	55,839	12,443	277	10,451			
2611 PULP-----	11,497	4,462	4,934		97			
2621 STANDARD NEWSPRINT PAPER-----	5,913				5,913			
2631 PAPER AND PAPERBOARD-----	89,046	32,546	53,741		2,719			
2691 PULP AND PAPER PRODUCTS, NEC-----	72,273	17,630	36,474	1,146	14,479			
2711 CRUDE TAR, OIL, GAS PRODUCTS-----	60,352	26,850	29,525	2,190	1,747			
2811 DYES, PIGMENT, TANNING MATS-----	4,541	4,414	127					
2812 DYES, PIGMENT, TANNING MATS-----	4,904		4,575	2,290				
2813 ALCOHOLS-----	5,311		5,244	113	4,474			
2814 RADIOACTIVE MATERIALS, WASTES-----	2,249	995	1,141		135			
2817 BENZENE AND TOLUENE-----	21				21			
2818 SULPHURIC ACID-----	4,934			6,550	2,344			
2819 BASIC CHEMICALS AND PROD, NEC-----	474,133	231,916	104,320	124,477	13,020			
2821 PLASTIC MATERIALS-----	256,305	97,824	149,433	314	4,724			
2822 SYNTHETIC RUBBER-----	7,762		7,723		39			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	24,284	12,292	11,495		541			
2831 DRUGS-----	33,439	17,505	4,730	3,441	4,324			
2841 SOAP-----	83,660	12,044	47,370	4,440	23,774			
2851 PAINTS-----	95,888	74,370	10,774	71	1,473			
2861 GUM AND WOOD CHEMICALS-----	1,531	752	434		243			
2871 NITROGENOUS CHEM FERTILIZERS-----	7,421	4,945	453		23			
2872 POTASSIUM CHEM FERTILIZERS-----	47				42			
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,343	398	945					
2874 INSECTICIDES, DISINFECTANTS-----	14,497	6,514	7,127	60	2,705			
2879 FERTILIZER AND MATERIALS, NEC-----	3,384	1,270	2,064		44			
2901 MISCELLANEOUS CHEMICAL PROD-----	103,188	34,344	62,492	4,412	1,074			
2911 GASOLINE-----	470,109	3	5,204	54,914	401,922	90,041	214,121	
2912 JET FUEL-----	105,425				97,914	954	5,544	
2913 KEROSENE-----	19,055		35		4,444	4,444	3,444	
2914 DISTILLATE FUEL OIL-----	461,959	39,471	24	24,744	407,454	34,174	354,474	
2915 RESIDUAL FUEL OIL-----	1,294,449	49,319	71	44,511	19,446	444	1,144,544	
2916 LUBRICATING OILS AND GREASES-----	191,689	4,577	24,044	52,442	2,320		174,244	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,675			19	1,454			
2918 ASPHALT, TAR, AND BITUMENS-----	4,444	241	1,430	4,611	214			
2920 COKE, PETROLEUM COKE-----	1,233	22	1,125		44			
2921 LIQUEFIED GASES-----	10,582	11,470	4,014	59	4,059			
2951 ASPHALT BUILDING MATERIALS-----	4,121		4,424	20	414			
2991 PETROLEUM AND COAL PROD, NEC-----	22,793	13,409	3,424	32	2,341			1,347
3011 RUBBER AND MISC PLASTIC PROD-----	127,480	49,734	29,469	819	7,454			
3111 LEATHER AND LEATHER PRODUCTS-----	74,166	53,309	12,431	7,304	444			
3211 GLASS AND GLASS PRODUCTS-----	97,904	76,501	20,453	95	410			
3241 BUILDING CEMENT-----	3,550		2,741		714			
3251 STRUCTURAL CLAY PRODUCTS-----	48,956	49,704	10,130		4,122			
3271 LIME-----	1,484	11	1,226		247			
3281 CUT STONE AND STONE PRODUCTS-----	19,335	14,913	422					
3291 MISC NONMETALLIC MINERAL PROD-----	64,422	53,339	14,773	57	1,253			
3312 SLAG-----	244			227	17			
3314 IRON AND STEEL PRIMARY FORMS-----	69,201	44,171	544		464			
3315 IRON, STEEL SHAPES, ETC SHEET-----	153,549	144,065	4,357	693	2,434			
3316 IRON AND STEEL PLATES, SHEETS-----	42,491	149	42,430	4	4			
3317 IRON AND STEEL PIPE AND TUBE-----	44,408	31,507	12,551	144	4,162			
3318 FERROALLOYS-----	17,502	740	14,741		21			

Waterborne Commerce of the United States, 1982

NEWARK HAV., N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3310 IRON AND STEEL PRODUCTS, NEC-----	50,901	40,754	4,434	44	5,441	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	44,351	25,742	11,274	-----	7,333	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	76,570	62,411	13,519	-----	440	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	11,003	2,344	7,069	-----	1,544	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	31,463	20,713	10,407	-----	743	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	319,244	225,152	74,062	6,744	10,916	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	372,344	201,118	162,444	1,492	6,930	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	330,511	170,665	44,568	6,504	54,770	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	562,151	449,447	42,617	1,793	7,490	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	2,742	151	2,554	1	32	-----	-----	-----
3731 SHIPS AND BOATS-----	4,665	4,375	1,101	2	147	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,431	2,169	4,013	1,495	154	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOOD-----	104,235	51,831	5,040	231	224	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	150,412	123,005	17,440	3,005	7,065	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	624,473	561	555,423	7,244	502	-----	-----	64,319
4021 NONFERROUS METAL SCRAP-----	50,992	2,100	47,164	1,444	240	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	51,349	903	44,344	3,751	127	-----	-----	-----
4023 PAPER WASTE AND SCRAP-----	142,354	2,314	174,751	242	43	-----	-----	-----
4024 WASTE AND SCRAP, NEC-----	29,524	-----	-----	24	-----	-----	29,500	-----
4111 WATER-----	550	-----	-----	-----	-----	-----	-----	550
4112 COMMODITIES, NEC-----	1,034,677	29,314	12,454	256,671	737,167	-----	-----	70
9990 DEPARTMENT OF DEFENSE AND SCI-----	9,023	-----	9,023	-----	-----	-----	-----	-----
TOTAL TON-MILES, 76,014,842.								

HACKENSACK RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO NEW YORK, SUSQUEHANNA & WESTERN R. R. BRIDGE AT HACKENSACK, CONTROLLING DEPTH: 20 FEET FROM THE JUNCTION OF HACKENSACK AND PASSAIC RIVERS TO 300 FEET SOUTH OF CENTRAL RAILROAD OF NEW JERSEY BRIDGES; BALANCE OF WATERWAY RANGES FROM 10 TO 20 FEET. PROJECT DEPTH: CHANNEL, 34 FEET IN ROCK AND 32 FEET IN OTHER MATERIAL WITH TURNING RADIUS 25 FEET OFF AT UPPER END OF A POINT 2,000 FEET ABOVE THE DELAWARE, LACKAWANNA & WESTERN R. R. BRIDGE AT MARION-JERSEY CITY, THENCE 15 FEET TO HACKENSACK, ALL AT MEAN LOW WATER. PROJECT LENGTH: 16.5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	5,582,823	1978-----	2,769,747
1974-----	4,454,606	1979-----	2,243,897
1975-----	3,194,452	1980-----	2,663,907
1976-----	2,311,854	1981-----	2,657,145
1977-----	2,704,343	1982-----	2,542,406

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,582,406	391,375	4,671	45,402	275,251	1,441,307
1121 COAL AND LIGNITE-----	927,460	-----	-----	-----	-----	927,460
1442 SAND, GRAVEL, CRUSHED ROCK-----	372,756	306,954	-----	45,402	-----	-----
2810 SODIUM HYDROXIDE-----	10,492	-----	-----	-----	-----	10,492
2911 CARBOLINE-----	123,300	-----	-----	-----	-----	123,300
2913 KEROSENE-----	27,924	-----	-----	-----	-----	27,924
2914 DISTILLATE FUEL OIL-----	526,273	-----	-----	-----	-----	526,273
2915 RESIDUAL FUEL OIL-----	167,194	9,474	-----	-----	-----	157,316
2916 LUBRICATING OILS AND GREASES-----	44	-----	-----	-----	-----	44
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,224	-----	-----	-----	-----	3,224
2918 ASPHALT, TAR, AND PITCHES-----	144,034	74,543	4,471	-----	-----	40,422
2991 PETROLEUM AND COAL PROD, NEC-----	3,044	-----	-----	-----	-----	3,044
4024 WASTE AND SCRAP, NEC-----	275,251	-----	-----	-----	275,251	-----
4111 WATER-----	500	-----	-----	-----	-----	500
TOTAL TON-MILES, 23,347,262.						

PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO GREGORY AVENUE, PASSAIC, CONTROLLING DEPTH: 19 FEET FROM THE JUNCTION OF HACKENSACK AND PASSAIC RIVERS TO U. S. R. R. BRIDGE; BALANCE OF WATERWAY RANGES BETWEEN 11 AND 17 FEET. PROJECT DEPTH: 30, 20, 14 AND 10 FEET, ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 15.4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	4,454,041	979	1978-----	7,410,402	1,291
1974-----	7,450,841	1634	1979-----	7,245,444	-----
1975-----	7,242,413	1,740	1980-----	4,310,149	-----
1976-----	4,443,014	1,503	1981-----	7,954,144	-----
1977-----	6,444,350	1,443	1982-----	9,352,474	-----

NEW YORK, NY, DISTRICT

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PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	9,352,474	231,484	14,751	891,189	3,233,777	117,819	1,888,887	2,972,787
0161 ANIMALS AND PRODUCTS, NEC-----	6		6					
1442 SAND, GRAVEL, CRUSHED ROCK-----	70,159			23,076		47,133		
1451 CLAY-----	1		1					
2011 MEAT, FRESH, CHILLED, FROZEN-----	47		47					
2014 TALLOW, ANIMAL FATS AND OILS-----	32,078		14,863					17,195
2015 ANIMAL BY-PRODUCTS, NEC-----	182		182					
2081 ALCOHOLIC BEVERAGES-----	36		36					
2091 VEGETABLE OILS, MARG, SHORT-----	1,137	576						561
2099 MISCELLANEOUS FOOD PRODUCTS-----	15		15					
2211 BASIC TEXTILE PRODUCTS-----	19		19					
2311 APPAREL-----	10		10					
2421 LUMBER-----	101		101					
2511 FURNITURE AND FIXTURES-----	4		4					
2691 PULP AND PAPER PRODUCTS, NEC-----	2		2					
2711 PRINTED MATTER-----	43		43					
2813 ALCOHOLS-----	39,165			39,165				
2816 SULPHURIC ACID-----	5,090				2,500			2,500
2819 BASIC CHEMICALS AND PROD, NEC-----	80,841	11,726	22	65,785				3,324
2821 PLASTIC MATERIALS-----	30		30					
2831 DRUGS-----	5		5					
2841 SOAP-----	2		2					
2851 PAINTS-----	2		2					
2879 FERTILIZER AND MATERIALS, NEC-----	3,738							3,734
2891 MISCELLANEOUS CHEMICAL PROD-----	10		10					
2911 GASOLINE-----	4,799,659			660,841	2,181,314	3,253	659,731	1,292,480
2912 JET FUEL-----	25,762							25,762
2913 KEROSENE-----	45,886				4,433		4,445	36,468
2914 DISTILLATE FUEL OIL-----	2,811,813			50,048	1,839,540		293,641	1,428,784
2915 RESIDUAL FUEL OIL-----	168,158			10,328				157,830
2916 LUBRICATING OILS AND GREASES-----	22,484		1	22,483				
2918 ASPHALT, TAR, AND BITUMENS-----	216,345	216,345						
2951 ASPHALT BUILDING MATERIALS-----	49		49					
2991 PETROLEUM AND COAL PROD, NEC-----	3,636							3,636
3011 RUBBER AND MISC PLASTIC PROD-----	13		13					
3111 LEATHER AND LEATHER PRODUCTS-----	5		5					
3241 BUILDING CEMENT-----	90,426			19,473	3,900	67,453		
3291 MISC NONMETALLIC MINERAL PROD-----	2		2					
3314 IRON AND STEEL PRIMARY FORMS-----	2,777	2,777						
3316 IRON AND STEEL PLATES, SHEETS-----	159		159					
3411 FABRICATED METAL PRODUCTS-----	1		1					
3511 MACHINERY, EXCEPT ELECTRICAL-----	657		657					
3611 ELECTRICAL MACH AND EQUIP-----	25		25					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	30		30					
4012 NONFERROUS METAL SCRAP-----	21		21					
4022 TEXTILE WASTE, SCRAP, WHEEP-----	195		195					
4024 PAPER WASTE AND SCRAP-----	165		165					
4029 WASTE AND SCRAP, NEC-----	931,000						931,000	
4112 COMMODITIES, NEC-----	23		23					15
TOTAL TON-MILES-----	14,060,872							

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MAIN SHIP CHANNEL NORTHWEST OF SANDY HOOK THROUGH LOWER NEW YORK BAY, RARITAN BAY, PERTH AMBOY ANCHORAGE, ANTHUR KILL AND KILL VAN KILL TO UPPER NEW YORK BAY. CONTROLLING DEPTH: 35 FEET FROM A JUNCTION WITH MAIN SHIP CHANNEL TO VICINITY OF TOTTENVILLE; 37 FEET IN PERTH AMBOY ANCHORAGE; BALANCE OF WATERWAY RANGES FROM 20 TO 35 FEET. PROJECT DEPTH: 37 FEET IN WHOLE AND 35 FEET IN SOFT MATERIAL THROUGHOUT, EXCEPT IN CHANNEL SOUTH OF SHOOTERS ISLAND WHERE THE DEPTH WILL BE 30 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 30.6 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD	WATER	TRUCK	OTHER
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
				EMPTY	LOADED	EMPTY	LOADED
1973-----	108,765,133	47,581	36,335,814	2,345	3,087	5,814	416
1974-----	107,098,986	57,093	30,772,284	1,698	3,426	4,732	288
1975-----	98,808,330	38,710	27,613,410	2,041	2,342	4,383	288
1976-----	103,087,892	24,456	27,083,005	1,986	1,885	3,871	250
1977-----	105,699,618	24,151	24,683,206	715	683	1,398	208
1978-----	106,589,826	30,394	27,805,200	383	105		69
1979-----	93,901,689	31,920	25,371,720	645	454	0	457
1980-----	95,976,421	66,240	26,688,113				
1981-----	70,446,022	73,120	25,786,611				
1982-----	89,250,480	81,540	24,936,005				

Waterborne Commerce of the United States, 1982

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	89,250,440	15,374,349	492,400	18,294,306	19,292,736	481,847	6,052,214	29,262,548
0101 COTTON, RAW	200	5	195					
0103 CORN	142	96	46					
0104 OATS	151	151						
0105 RICE	47	34	13					
0111 SOYBEANS	1		1					
0119 OILSEEDS, NEC	257	250	7					
0121 TOBACCO, LEAF	39,928	39,916	12					
0129 FIELD CROPS, NEC	681	433	248					
0131 FRESH FRUITS	3,424	1,079	2,345					
0132 BANANAS AND PLANTAINS	3,290	3,290						
0133 COFFEE	19,709	16,330	257					3,122
0134 COCOA BEANS	215	210	5					
0141 FRESH AND FROZEN VEGETABLES	3,060	2,573	487					
0141 ANIMALS AND PRODUCTS, NEC	5,653	2,571	3,082					
0191 MISCELLANEOUS FARM PRODUCTS	2,251	2,245	6					
0841 CRUDE RUBBER AND ALLIED GUMS	1,002	947	55					
0861 FOREST PRODUCTS, NEC	1,594	1,464	130					
0911 FRESH FISH, EXCEPT SHELLFISH	1,276	1,016	260					
0912 SHELLFISH, EXCEPT PREPARED	5,153	4,941	172					
1011 IRON ORE AND CONCENTRATES	429		429					
1051 ALUMINUM ORES, CONCENTRATES	1,541	1,505	36					
1091 NONFERROUS ORES, CONCENTRATES	436	587	249					
1121 COAL AND LIGNITE	960,019		32,159					927,860
1311 CRUDE PETROLEUM	11,617,463	6,531,177		4,180,173	16,435			849,278
1411 LIMESTONE	502	49	443					
1412 BUILDING STONE, UNQUARRIED	20		17		3			
1442 SAND, GRAVEL, CRUSHED ROCK	511,403	181	1,520	156,551	11	352,057		1,083
1451 CLAYS	409,391	408,562	829					
1471 PHOSPHATE ROCK	16		16					
1491 SALT	192,247	191,854	393					
1493 SULPHUR, LIQUID	48,764			9,072				39,676
1499 NONMETALLIC MINERALS, NEC	1,786	440	1,346					
1911 ORNANCE AND ACCESSORIES	1,407	810	997					
2011 MEAT, FRESH, CHILLED, FROZEN	20,435	16,414	4,020		17			
2012 MEAT AND PRODUCTS, NEC	14,401	13,856	545					
2014 TALLOW, ANIMAL FATS AND OILS	13,276		10,632					2,644
2015 ANIMAL BY-PRODUCTS, NEC	1,129	941	188					
2021 DAIRY PRODUCTS, NEC	18,118	17,929	189					
2022 DRIED MILK AND CREAM	5,730	2,887	2,843					
2031 FISH AND SHELLFISH, PREPARED	1,374	1,270	104					
2034 VEGETABLES AND PREP, NEC	25,740	24,542	1,198					
2039 PREP FRUIT AND VEG JUICE, NEC	9,955	9,171	784					
2041 WHEAT FLOUR AND SEMOLINA	3		3					
2042 ANIMAL FEEDS	3,027	349	2,678					
2049 GRAIN MILL PRODUCTS, NEC	9,124	6,877	2,247		151			
2091 SUGAR	1,287	1,238	49					
2092 MOLASSES	46,994	46,981	13					
2091 ALCOHOLIC BEVERAGES	121,711	117,640	3,059		992			37,974
2091 VEGETABLE OILS, MARG, SHORT	54,385	16,427	37,958		1,004			1,135
2092 ANIMAL OILS AND FATS, NEC	5,028	60	344	3,449				
2099 MISCELLANEOUS FOOD PRODUCTS	26,065	22,153	3,912		849			
2111 TOBACCO MANUFACTURES	725	432	293					
2211 BASIC TEXTILE PRODUCTS	17,449	10,402	6,437		210			
2311 APPAREL	15,121	14,426	695					
2411 LOGS	1,495	37	1,458					
2413 FUEL WOOD, CHARCOAL, WASTES	3,447	3,337	110					
2421 LUMBER	2,766	747	1,958		61			
2431 VENEER, PLYWOOD, WORKED WOOD	545	424	121					
2491 WOOD MANUFACTURES, NEC	2,401	2,172	229		31			
2511 FURNITURE AND FIXTURES	8,983	6,831	2,152		848			
2611 PULP	2,481	632	2,245		4			
2621 STANDARD WEIGHT PAPER	11				11			
2631 PAPER AND PAPERMADE	11,252	5,303	7,920		29			
2691 PULP AND PAPER PRODUCTS, NEC	9,041	4,145	4,896		369			
2711 PRINTED MATTER	12,436	5,952	6,484					
2810 SODIUM HYDROXIDE	325,564		271,620	24,004				25,940
2811 CRUDE TAR, OIL, GAS PRODUCTS	20,394	1,095	7	14,513	1,042			3,701
2812 DYES, PIGMENT, TANNING MATS	636		636					
2813 ALCOHOLS	447,941		71	446,571	1,339			
2817 BENZENE AND TOLUENE	35,246			35,246				
2818 SULPHURIC ACID	40,078				40,078			
2819 BASIC CHEMICALS AND PROD, NEC	984,954	201,806	25,645	751,254	6,200			
2821 PLASTIC MATERIALS	26,713	9,432	17,190		91			
2822 SYNTHETIC RUBBER	816		816					
2823 SYNTHETIC (MAN-MADE) FIBERS	2,921	2,263	658					
2831 DRUGS	6,382	4,126	1,755		501			
2841 SOAP	12,523	6,725	5,798		447			
2851 PAINTS	16,632	15,144	1,243		743			
2861 GUM AND GUM CHEMICALS	324							
2871 NITROGENOUS CHEM FERTILIZERS	6,374	1,111	33	3,500	1,630			
2873 PHOSPHATIC CHEM FERTILIZERS	46	20	26					
2876 INSECTICIDES, DISINFECTANTS	5,364	4,201	814		347			
2879 FERTILIZER AND MATERIALS, NEC	1,432	1,414	18		11			
2891 MISCELLANEOUS CHEMICAL PROD	49,325	5,454	34,770	6,744				
2911 GASOLINE	14,025,762	1,347,115	350	3,141,444	7,442,707	15,243	2,067,935	3,430,344
2912 JET FUEL	1,579,500			402,410	465,435	4,273	124,370	244,403
2913 KEROSENE	971,967	94,590	13	254,445	214,745		120,414	274,196
2914 DISTILLATE FUEL OIL	14,420,996	391,524	31,774	4,130,200	4,144,634	25,644	1,501,442	6,370,174
2915 RESIDUAL FUEL OIL	23,410,125	4,743,034	100,447	2,742,424	3,044,014	10,110	1,145,149	11,844,263
2916 LUBRICATING OILS AND GREASES	1,362,509	632,304	30,477	552,940	7,114			134,414
2917 NAPHTHA, PETROLEUM SOLVENTS	1,187,425			444,144	517,174		2,001	149,344

NEW YORK, NY, DISTRICT

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NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2918 ASPHALT, TAR, AND BITUMENS	1,737,000		302	2,299	1,250,166		114,276	349,957
2920 COKE, PETROLEUM COKE	475		67	434				
2921 LIQUEFIED GASES	14,134	13,717	417					
2951 ASPHALT BUILDING MATERIALS	274		274					
2991 PETROLEUM AND COAL PROD., NEC	1,191,912	898	250	60,137	75,016		15,560	1,040,051
3011 RUBBER AND MISC PLASTIC PROD.	20,178	15,994	3,594		544			
3111 LEATHER AND LEATHER PRODUCTS	8,777	8,344	352		37			
3211 GLASS AND GLASS PRODUCTS	10,466	8,774	1,790		132			
3241 BUILDING CEMENT	74,940	4,350	49		31	74,470		
3251 STRUCTURAL CLAY PRODUCTS	3,045	2,535	495		55			
3271 LIME	16	15	1					
3281 CUT STONE AND STONE PRODUCTS	2,408	2,347	61					
3291 MISC NONMETALLIC MINERAL PROD.	14,747	17,363	1,311		73			
3314 IRON AND STEEL PRIMARY FORMS	204	1	202					
3315 IRON, STEEL SHAPES, EXC SHEET	7,447	7,201	446					
3316 IRON AND STEEL PLATES, SHEETS	3,149	4	3,141					
3317 IRON AND STEEL PIPE AND TUBE	2,034	1,262	771		5			
3318 FERROALLOYS	88	49	19					
3319 IRON AND STEEL PRODUCTS, NEC	4,203	3,434	769					
3321 NONFERROUS METALS, NEC	4,941	3,451	1,530					
3322 COPPER ALLOYS, UNWORKED	19,327	7,595	455		7,777			3,505
3323 LEAD AND ZINC, UNWORKED	1,273	1,255	18					
3324 ALUMINUM AND ALLOYS, UNWORKED	4,878	3,249	1,625		4			
3411 FABRICATED METAL PRODUCTS	35,337	26,151	4,444		494			
3511 MACHINERY, EXCEPT ELECTRICAL	65,276	47,235	17,637		404			
3611 ELECTRICAL MACH AND EQUIP	40,502	30,423	9,453		226			
3711 MOTOR VEHICLES, PARTS, EQUIP	24,458	19,534	4,150		770			
3721 AIRCRAFT AND PARTS	764	45	719					
3731 SHIPS AND BOATS	252	201	44		7			
3791 MISC TRANSPORTATION EQUIPMENT	914	486	413		15			
3811 INSTR, TIME, PHOTO, OPT GOODS	14,633	8,265	10,368					
3911 MISC MANUFACTURED PRODUCTS	25,749	21,649	2,704		53			1,363
4011 IRON AND STEEL SCRAP	22,213	117	22,096					
4012 NONFERROUS METAL SCRAP	11,573	198	11,375					
4022 TEXTILE WASTE, SCRAP, SWEEP	2,799	44	2,755					
4024 PAPER WASTE AND SCRAP	5,350	151	5,199					
4029 WASTE AND SCRAP, NEC	3,779,771					904,477	2,875,294	
4111 WATER	10,272							10,272
4112 COMMODITIES, NEC	20,120	7,636	3,497		4,654			3,131
9999 DEPARTMENT OF DEFENSE AND SCT	2,105		2,105					
TOTAL TON-MILES, 1,279,715,109.								

HARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM HARITAN RIVER CHANNEL OFF SOUTH SHORE TO THE SOUTHERLY END OF ARTHUR KILL CHANNEL. CONTROLLING DEPTH: (1973) 18 FEET MEAN LOW WATER. PROJECT DEPTH: 20 FEET MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1973	5,889,563	1978	2,965,224
1974	5,030,766	1979	2,147,344
1975	4,454,451	1980	2,405,336
1976	3,119,744	1981	3,656,121
1977	2,841,892	1982	3,201,044

NEW YORK HARBOR, N. Y. LOWER ENTRANCE CHANNELS

SECTION INCLUDED: AMBROSE, MAINSHIP, BAYSIDE, AND SANDY HOOK CHANNELS. CONTROLLING DEPTH: (1973) AMBROSE CHANNEL, 45 FEET; (1972) MAINSHIP CHANNEL, 30 FEET; (1972) BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET. PROJECT DEPTH: AMBROSE CHANNEL, 45 FEET, 13.4 MILES; BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET, 6.3 MILES; MAINSHIP CHANNEL, 30 FEET, 5.2 MILES. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS
1973	43,101,495	52,214,479	135,316,374	1,153,757	1978	45,732,645	52,641,471	118,414,116	220,352
1974	49,943,155	50,962,827	120,905,982	405,057	1979	40,000,599	45,717,960	105,718,559	
1975	56,577,524	51,464,864	110,042,388	328,326	1980	53,713,516	45,246,054	98,970,570	
1976	63,124,574	50,954,222	114,078,796	307,922	1981	50,119,144	40,425,834	90,544,978	
1977	70,279,025	50,010,265	120,289,290	145,591	1982	45,421,240	39,691,641	85,112,981	

Waterborne Commerce of the United States, 1982

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE
PORT OF NEW YORK

(NET TRAFFIC, ELIMINATING ALL KNOWN DUPLICATIONS)

COMPARATIVE STATEMENT

(SHORT TONS)

YEAR	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1933	85,568,202	11,333,103	4,655,104	25,551,051	6,602,341	1,995,744	2,491,575	32,939,244
1934	94,413,534	11,915,432	5,979,143	28,568,453	6,945,724	1,972,622	2,421,902	36,609,854
1935	97,068,907	11,645,466	5,770,465	26,361,088	7,032,394	2,475,102	2,677,892	41,086,100
1936	110,697,648	13,479,929	5,926,084	28,554,404	7,609,499	3,604,260	2,584,233	48,980,119
1937	121,517,420	14,854,639	6,065,031	30,891,444	7,947,743	4,276,170	2,480,924	52,957,048
1938	111,310,229	11,963,421	6,463,303	30,911,353	7,074,593	4,389,479	2,057,952	46,249,728
1939	123,306,596	13,557,616	7,472,421	34,418,500	7,216,324	5,445,146	2,432,227	51,924,322
1940	129,712,186	12,835,225	10,413,042	33,820,944	8,354,336	4,632,566	2,555,242	57,100,771
1941	139,597,449	21,665,727	13,674,944	34,238,217	8,797,513	4,221,154	3,908,425	53,091,449
1942	101,840,746	9,351,036	11,148,803	11,427,193	8,196,560	5,090,934	1,119,244	45,346,932
1943	111,413,422	15,119,544	20,406,413	6,464,141	9,042,407	2,719,371	1,258,040	56,558,706
1944	110,242,139	15,203,964	21,144,414	6,086,512	9,557,576	2,017,575	974,020	53,277,674
1945	103,942,023	14,444,592	17,178,203	9,413,440	4,434,263	2,173,763	1,470,356	50,257,406
1946	108,553,342	13,675,973	9,159,021	26,551,708	8,247,301	2,264,044	1,859,635	46,995,660
1947	135,373,128	16,210,961	15,533,406	38,363,440	8,446,324	2,426,457	3,269,345	51,123,155
1948	137,664,956	19,674,027	10,259,918	42,344,433	8,952,384	3,117,731	3,422,943	49,849,120
1949	127,952,821	20,319,606	9,298,512	58,617,196	7,828,457	3,262,944	3,257,647	45,348,059
1950	144,943,548	25,441,429	7,011,044	45,391,778	8,729,245	3,806,371	4,027,754	50,505,892
1951	151,786,784	25,157,154	9,803,347	45,736,662	9,705,031	5,047,623	4,317,315	52,019,610
1952	180,419,194	27,794,540	8,099,414	41,773,378	9,701,892	4,679,261	4,305,775	44,060,930
1953	139,395,114	24,837,891	6,720,527	42,964,587	10,333,731	3,916,931	4,114,041	42,507,370
1954	137,353,454	24,370,760	7,077,334	41,405,031	9,702,114	5,078,037	3,407,043	42,313,135
1955	148,848,131	30,273,674	6,623,893	42,320,456	10,374,520	5,333,907	3,840,561	48,081,120
1956	154,708,301	31,643,792	6,165,097	44,876,420	11,356,149	5,492,890	4,212,434	47,921,479
1957	147,536,848	32,011,941	9,991,303	41,509,448	10,981,811	5,298,193	3,913,376	43,827,336
1958	145,531,300	34,437,067	7,037,697	40,764,437	12,045,045	4,697,642	3,660,533	42,884,799
1959	154,155,873	39,104,306	6,808,843	43,643,002	13,542,417	5,378,590	3,830,967	41,803,728
1960	153,198,620	37,455,278	7,544,411	42,812,316	13,775,107	4,446,232	3,761,119	43,314,157
1961	144,764,469	34,670,332	6,914,817	45,465,352	12,678,479	4,079,129	3,111,640	37,040,850
1962	154,476,440	34,544,054	7,060,952	43,280,212	13,161,910	6,203,018	4,377,672	41,898,662
1963	154,772,656	40,015,426	7,224,008	43,295,456	14,214,371	5,961,364	4,579,718	39,479,313
1964	149,150,611	41,351,036	7,704,677	39,089,972	14,353,158	5,425,553	4,254,547	36,971,628
1965	153,430,414	47,524,265	6,801,804	32,819,365	16,391,562	4,638,342	4,925,667	40,726,409
1966	157,071,892	49,984,206	7,194,832	31,733,309	16,940,744	4,982,442	5,319,716	41,257,161
1967	147,548,704	49,284,036	6,979,491	29,463,405	19,634,744	5,356,748	6,544,642	40,245,467
1968	172,799,749	53,544,562	6,766,744	24,316,178	21,076,003	5,653,345	14,011,956	45,346,941
1969	171,244,008	50,240,716	6,417,340	24,881,366	21,007,424	6,260,723	14,076,677	44,339,661
1970	174,008,108	50,792,115	7,139,979	35,915,520	18,098,679	6,717,541	13,842,249	41,462,017
1971	181,024,646	48,355,655	5,590,124	37,198,267	20,625,332	7,031,093	15,294,756	46,929,459
1972	166,842,857	56,169,911	5,608,515	36,920,738	20,849,200	6,597,729	16,067,310	54,629,364
1973	216,496,434	72,541,079	6,748,042	32,943,199	22,490,448	7,498,093	19,075,458	55,519,675
1974	195,095,611	58,665,637	7,862,062	33,810,481	22,669,120	6,249,873	17,324,146	48,494,252
1975	177,814,618	48,965,523	6,725,527	32,991,272	21,646,036	5,825,387	16,650,104	46,940,749
1976	179,546,743	53,291,796	6,245,913	32,471,748	24,092,137	5,397,348	15,610,002	42,077,779
1977	185,292,125	40,921,097	5,644,919	32,175,110	25,099,242	3,054,847	14,694,109	45,750,781
1978	186,733,145	55,423,386	6,093,441	34,840,099	24,536,075	3,931,728	15,873,863	45,534,553
1979	163,620,900	49,499,336	6,754,922	26,657,400	21,492,623	4,048,044	15,546,355	39,520,020
1980	166,991,220	42,715,042	7,476,566	26,503,681	24,442,954	4,535,018	16,217,172	44,460,747
1981	156,551,936	41,430,329	6,810,330	24,266,720	25,533,279	2,720,020	14,936,031	40,855,227
1982	149,255,276	34,095,052	5,665,144	24,945,424	26,926,272	3,231,671	14,935,830	35,455,874

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL	149,255,276	38,095,052	5,465,144	24,945,424	26,924,272	3,231,671	14,935,830	35,455,874
0101 COTTON, RAW	3,081	172	2,909					
0102 BARLEY AND RYE	1,436	14	1,407			15		
0103 CORN	5,539	241	5,254					
0104 OATS	267	272				15		
0105 RICE	2,269	2,072	144		2	11		
0106 WHEAT GRAINS	1,244		1,197			47		
0107 WHEAT	13					13		
0111 SOYBEANS	2,875		2,874					
0119 OILSEEDS, NFF	11,570	9,641	1,471			44		
0121 TORACCO, LEAF	169,931	165,040	4,904	1,044		428		
0122 HAY AND FORAGER	52				20	32		
0129 FIELD CROPS, NEC	23,025	17,444	430	4,215		95		
0131 FRESH FRUITS	44,651	19,597	44,743	311				
0132 BULBVS AND PLANTAINS	224,243	824,106	97					
0133 COFFEE	44,707	348,334	5,357	17,494		114		19,202
0134 COCOA BEANS	54,548	31,916	1,540	22,701		431		

NEW YORK, NY, DISTRICT

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CONSOLIDATED STATEMENT OF MONTHLY COMMERCE OF THE
PORT OF NEW YORK AND NEW JERSEY

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0141 FRESH AND FROZEN VEGETABLES-----	76,203	26,800	16,668		32,735			
0151 LIVE ANIMALS-----	85	11	50	24				
0161 ANIMALS AND PRODUCTS, NEC-----	48,417	21,108	25,440	221	1,234			
0191 MISCELLANEOUS FARM PRODUCTS-----	16,146	15,096	871	47	137			
0841 CRUDE RUBBER AND ALLIED GUMS-----	36,227	32,024	2,433	44	1,624			
0861 FOREST PRODUCTS, NEC-----	66,378	60,339	5,161		874			
0911 FRESH FISH, EXCEPT SHELLFISH-----	55,871	42,001	11,923	200	1,405			
0912 SHELLFISH, EXCEPT PREPARED-----	44,378	43,156	4,200	232	541	150		
0931 MARINE SHELLS, MANUFACTURED-----	22				22			
1011 IRON ORE AND CONCENTRATES-----		983						
1051 ALUMINUM ORES, CONCENTRATES-----	16,277	15,226	1,051					
1061 MANGANESE ORES, CONCENTRATES-----	407		202		205			
1091 NONFERROUS ORES, CONCENT, NEC-----	10,919	9,577	1,542					
1121 COAL AND LIGNITE-----	1,258,518	3	330,655					927,440
1311 CRUDE PETROLEUM-----	14,217,317	9,017,141	9	4,294,054	14,835			444,274
1411 LIMESTONE-----	5,003	173	4,890					
1412 BUILDING STONE, UNWORKED-----	2,467		2,464		3			
1421 SAND, GRAVEL, CRUSHED ROCK-----	4,133,002	3,309	12,097	1,311,453	2,001	2,402,479		1,001
1451 CLAY-----	494,226	481,372	13,493	22	139			
1471 PHOSPHATE ROCK-----	97		97					
1491 SALT-----	316,520	313,533	2,454		133			
1492 SULPHUR, DRY-----		1,584						
1493 SULPHUR, LIGHT-----	44,744			9,072				34,674
1494 GYPSUM, CRUDE AND PLASTER-----	555			147				
1499 NONMETALLIC MINERALS, NEC-----	34,091	7,604	26,304	12	1,240			1,300
1911 ORNANCE AND ACCESSORIES-----	13,460	3,126	9,400	402	2			
2011 MEAT, FRESH, CHILLED, FROZEN-----	175,771	55,922	112,694	314	4,930			
2012 MEAT AND PRODUCTS, NEC-----	122,527	90,475	14,090	40	17,014			
2014 TALLOW, ANIMAL FATS AND OILS-----	170,333		151,072		23			19,234
2015 ANIMAL BY-PRODUCTS, NEC-----	26,170	7,664	15,573	1,304	1,420			
2021 DAIRY PRODUCTS, NEC-----	124,963	105,664	15,017	8	4,270			
2022 DRIED MILK AND CREAM-----	53,254	4,736	26,260	42	27,214			
2031 FISH AND SHELLFISH, PREPARED-----	84,799	52,144	3,552	26,230	6,449			
2034 VEGETABLES AND PREP, NEC-----	271,842	235,212	27,292	20	9,314			
2039 PREP FRUIT AND VEG JUICE, NEC-----	324,525	273,225	14,403	4,104	24,200			
2041 WHEAT FLOUR AND SEMOLINA-----	6,421		5,000		822			
2042 ANIMAL FEEDS-----	100,572	10,644	44,456	14	3,414			
2049 GRAIN MILL PRODUCTS, NEC-----	107,197	68,514	35,313	407	2,473			
2061 SUGAR-----	974,377	689,009	4,421	271,226	5,241			
2062 MOLASSES-----	132,388	111,449	7,112	42	13,755			
2081 ALCOHOLIC BEVERAGES-----	970,488	746,740	32,369	4,100	187,434			
2091 VEGETABLE OILS, WARE, SHORT-----	394,384	244,306	25,104		15,742			110,152
2092 ANIMAL OILS AND FATS, NEC-----	9,690	3,255	1,411	3,400				1,135
2094 GROCERIES-----	470				470			
2099 MISCELLANEOUS FOOD PRODUCTS-----	414,446	250,431	86,334	19,314	54,345			
2111 TOBACCO MANUFACTURES-----	12,972	4,054	4,323	4,045				
2211 BASIC TEXTILE PRODUCTS-----	203,612	126,161	73,447	543	3,021			
2212 TEXTILE FIBERS, NEC-----	10,944	10,356	190	114	323			
2311 APPAREL-----	146,929	148,177	9,474	14,304	14,564			
2411 LOGS-----	20,433	343	20,090					
2413 FUEL WOOD, CHARCOAL, WASTES-----	13,170	7,430	5,449		51			
2414 TIMBER, POSTS, POLES, PILING-----	1,507	1,174			349			
2416 WOOD CHIPS, STAVES, MOLDINGS-----	7,328	6,506	732					
2421 LUMBER-----	145,874	155,215	30,044		101			
2431 VENEER, PLYWOOD, WORKED WOOD-----	7,474	5,840	1,614		4			
2491 WOOD MANUFACTURES, NEC-----	42,719	28,741	10,660	110	3,144			
2511 FURNITURE AND FIXTURES-----	130,436	99,446	10,594	277	11,315			
2611 PULP-----	24,673	17,207	11,365		101			
2621 STANDARD NEWSPRINT PAPER-----	5,924		5,020		5,020			
2631 PAPER AND PAPERBOARD-----	142,247	55,097	100,402		2,744			
2691 PULP AND PAPER PRODUCTS, NEC-----	105,745	24,055	61,694	1,144	14,944			
2711 PRINTED MATTER-----	97,900	40,710	53,213	2,190	1,747			
2810 SODIUM HYDROXIDE-----	335,081			271,620	24,412		2,432	32,417
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	25,182	5,500	377	14,513	1,042			3,741
2812 DYES, PIGMENT, TANNING MATS-----	12,303		9,934	2,295	74			
2813 ALCOHOLS-----	495,140		412	485,449	4,470			
2816 RADIOACTIVE MATERIALS, WASTES-----	2,402	1,049	1,222		133			
2817 BENZENE AND TOLUENE-----	35,267			35,244	21			
2814 SULPHURIC ACID-----	60,386			4,300	40,544			2,500
2819 BASIC CHEMICALS AND PROD, NEC-----	1,699,819	510,650	200,639	951,643	24,550			4,324
2921 PLASTIC MATERIALS-----	389,425	140,327	240,363	314	4,417			
2922 SYNTHETIC RUBBER-----	14,630		10,591		30			
2923 SYNTHETIC (MAN-MADE) FIBERS-----	34,001	19,494	10,004		501			
2931 DRUGS-----	40,455	25,447	15,493	3,441	3,420			
2941 SOAP-----	124,266	26,250	60,250	4,450	24,214			
2951 PAINTS-----	135,759	103,311	30,441	71	1,014			
2961 GUM AND WOOD CHEMICALS-----	2,123	1,110	770		243			
2971 NITROGENOUS CHEM FERTILIZERS-----	15,374	4,054	2,143	3,500	1,453			
2972 POTASSIUM CHEM FERTILIZERS-----	151		49		42			
2973 PHOSPHATIC CHEM FERTILIZERS-----	2,440	421	2,059					
2974 INSECTICIDES, DISINFECTANTS-----	27,402	12,434	11,447	59	3,142			
2979 FERTILIZER AND MATERIALS, NEC-----	9,118	2,444	2,435		57			3,744
2991 MISCELLANEOUS CHEMICAL PROD-----	206,621	51,019	142,004	11,621	1,044			
2911 GASOLINE-----	24,323,151	2,083,938	7,555	4,153,001	14,411,430	19,409	2,000,427	4,727,347
2912 JET FUEL-----	1,861,426			944,740	500,044	4,273	130,547	204,747
2913 KEROSENE-----	1,243,262	180,417	349	354,711	225,224		141,344	134,070
2914 DISTILLATE FUEL OIL-----	22,464,419	444,330	47,594	5,146,247	7,759,140	59,202	1,040,043	7,341,277
2915 RESIDUAL FUEL OIL-----	42,511,453	15,068,140	100,954	4,912,074	4,510,014	15,074	2,334,417	15,560,540
2916 LUBRICATING OILS AND GREASES-----	1,423,920	1,054,944	72,724	447,440	9,337			130,314
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,196,890			441,825	440,542		2,001	192,412
2918 ASPHALT, TAR, AND BITUMENS-----	2,072,980	234,445	3,313	81,443	1,250,051		114,274	344,342
2920 COKE, PETROLIUM COKE-----	2,910	59	2,765					
2921 LIQUEFIED GASES-----	36,441	25,143	7,150	30	4,059			

Waterborne Commerce of the United States, 1982

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE
PORT OF NEW YORK--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2951 ASPHALT BUILDING MATERIALS-----	8,614	-----	7,980	20	618	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,238,398	18,527	8,088	61,500	83,088	-----	15,560	1,053,677
3011 RUBBER AND MISC PLASTIC PROD-----	192,212	131,562	51,587	819	8,448	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	138,884	108,388	22,027	7,390	583	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	184,626	109,476	35,118	90	902	-----	-----	-----
3241 BUILDING CEMENT-----	370,654	23,807	4,213	19,473	8,885	327,896	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	95,823	73,973	17,273	-----	4,177	-----	-----	-----
3271 LIME-----	1,857	54	1,556	-----	247	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	42,593	41,836	757	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	115,156	88,306	21,467	57	1,326	-----	-----	-----
3312 SLAG-----	244	-----	-----	227	17	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	81,701	80,221	1,011	-----	469	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	201,154	187,802	10,225	693	2,430	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	97,630	157	97,485	8	8	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	72,547	46,492	21,700	188	4,167	-----	-----	-----
3318 FERROALLOYS-----	18,038	1,094	16,919	-----	21	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	61,730	47,658	8,567	88	5,481	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	64,087	38,794	17,960	-----	7,333	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	194,911	113,374	26,437	13,129	17,933	-----	-----	8,038
3323 LEAD AND ZINC, UNWORKED-----	20,210	9,979	8,685	-----	1,586	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	50,074	37,487	15,880	-----	787	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	467,375	325,815	123,212	8,938	11,818	-----	-----	-----
3411 MACHINERY, EXCEPT ELECTRICAL-----	801,741	298,851	296,264	1,402	9,338	-----	-----	-----
3411 ELECTRICAL MACH AND EQUIP-----	471,455	236,830	175,121	8,508	58,996	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	662,225	513,725	138,083	1,793	8,860	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	5,339	322	4,980	1	32	-----	-----	-----
3731 SHIPS AND BOATS-----	10,365	4,770	2,628	2	2,965	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	20,622	3,892	15,066	1,495	169	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	149,263	60,316	84,492	231	228	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	216,511	176,908	28,080	3,095	7,118	-----	-----	1,303
4011 IRON AND STEEL SCRAP-----	1,651,306	721	1,217,233	28,652	10,949	1,588	-----	388,205
4012 NONFERROUS METAL SCRAP-----	85,002	3,099	80,175	1,088	240	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	103,940	4,168	95,690	3,751	327	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	287,657	3,783	283,580	242	83	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	10,183,391	-----	-----	24	5,075	-----	7,302,008	2,875,298
4111 WATER-----	45,242	-----	-----	-----	-----	-----	-----	45,242
4112 COMMODITIES, NEC-----	1,070,197	85,908	28,839	256,671	791,648	-----	-----	3,181
9999 DEPARTMENT OF DEFENSE AND ACT-----	37,368	-----	37,368	-----	-----	-----	-----	-----

NEW YORK, NY, DISTRICT

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SUMMARY OF TRAFFIC

TOTAL WATERBORNE COMMENCE OF THE PORT OF NEW YORK, 1942

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		COASTWISE		INTERNAL		LOCAL	PER CENT	THROUGH TRAFFIC
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS			
PORT CHESTER HARBOR, N. Y.	309,538			49,994		155,755		103,749	.17	
MANHATTAN HARBOR, N. Y.										
LAUREL HARBOR, N. Y.										
ECHO BAY HARBOR, N. Y.	1,214					1,710			.01	
NEW ROCHELLE HARBOR, N. Y.										
EAST CHESTER CREEK, N. Y.	1,549,074			53,398		227,277		1,273,399	.87	
WESTCHESTER CREEK, N. Y.	447,224					4,483	1,400	441,101	.27	
ROCKY RIVER, N. Y.	264,786			77,114		86,241		101,431	.15	
MANHATTAN BAY, N. Y.	169,345							169,345	.10	
LONG ISLAND SOUND, LONG ISLAND SHORE IN PORT N. Y.	6,553				6,553				.01	
FLUSHING BAY AND CREEK, N. Y.	1,451,735			26,501		534,185		891,049	.81	
HARLEM RIVER, N. Y.	536,695			147,054		113,172		276,469	.30	
HUDSON RIVER, N. Y., LOWER SECTION	742,957	247,212	7,900	125,902			48,142	313,741	.42	15,967,584
HUDSON RIVER CHANNEL, N. Y.										
AND N. J.	3,423,164	1,230,344	517,555	133,362	3,715	143,073	14,458	1,340,257	1.92	16,520,569
EAST RIVER, N. Y.	11,957,455	1,997,863	263,393	865,715	155,904	378,846	2,279,911	8,015,803	8.71	31,069,138
NEWTOWN CREEK, N. Y.	2,109,603			180,808	36,639	179,161		1,712,905	1.18	
KILLBUCK CHANNEL, N. Y.										
ROCKAWAY CHANNEL, N. Y.	777,571	438,568	208,880					130,323	.04	431,823
RAY RIDGE AND RED HOOK CHANNELS, N. Y.	1,595,096	450,744	247,829	50,100	11,837	1,937	320,186	512,463	.90	1,375,091
GONAVUS CREEK CHANNEL, N. Y.	1,440,791	178,283	112,952	71,681		102,060		975,815	.41	630,711
GONAVUS CANAL, N. Y.	630,711			71,355	2,771	181,046		375,539	.35	
GRAVESEND BAY, N. Y.	491,441	18,937		24,520	41,424		79,700	524,851	.39	17,553
CONEY ISLAND CREEK, N. Y.	17,553					17,553			.01	
CONEY ISLAND CHANNEL, N. Y.										1,862,872
SHEEPSHEAD BAY, N. Y.	23,305						19,202	4,103	.01	
EAST ROCKAWAY INLET, N. Y.	356							356	.01	1,451,075
JAMAICA BAY, N. Y.	2,595,560			10,356	1,991	257,900	725,000	1,600,314	1.46	23,108
LEMON CREEK STATEN ISLAND, N. Y.										
GREAT KILLS HARBOR, STATEN ISLAND, N. Y.										
SHOAL HARBOR AND COMPTON CREEK, N. J.	4,332					1,051	1,281		.01	
KEYPORT HARBOR, N. J.										
CHEESBROOK CREEK, N. J.	5,322,205	32,118	500	134,444	529,185	121,299	2,068,345	2,445,914	2.90	
ARISTON RIVER, N. J.										
ELIZABETH RIVER, N. J.	15,330					35,330			.02	
RAMWAY RIVER, N. J.										
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.	26,902,628	12,402,792	634,494	2,580,049	1,061,398	15,496	980,403	9,018,796	15.10	100,175,346
SANDY HOOK BAY, N. J.	14,179		4,178					14,001	.01	3,281
NEWARK BAY, N. J.	13,036,990	8,294,138	3,158,512	761,992	2,539,681	10,095	169,819	1,998,753	7.82	11,611,090
HACKENSACK RIVER, N. J.	2,582,406			391,375	8,671	65,802	275,251	1,641,307	1.05	
PASSIAC RIVER, N. J.	9,352,474	231,464	16,751	891,189	3,233,777	117,430	1,888,667	2,972,787	5.25	
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.	89,250,440	15,374,389	492,400	18,290,306	19,292,736	481,847	6,052,210	29,262,548	50.05	24,936,095
ARISTON RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J.										3,201,044
HAYCAKE CREEK, N. J.										
SANDY HOOK BAY AT LEONARD, N. J.										
TOTAL GROSS, UNADJUSTED	178,186,695	38,095,052	5,665,144	24,945,424	26,926,272	3,231,871	14,935,839	44,387,293	100.00	
PERCENT		21.38	3.18	14.00	15.11	1.81	8.38	26.10		
NET VOLUME OF TONNAGE OF THE PORT	149,255,276	38,095,052	5,665,144	24,945,424	26,926,272	3,231,871	14,935,839	35,455,874		
PERCENT		25.52	3.80	16.71	18.04	2.17	10.01	23.75		

HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO WATERFORD, N. Y. (CONSOLIDATED REPORT)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC							
			RAILROAD FREIGHT CARS							
			INBOUND	UPBOUND	OUTBOUND	DOWNBOUND	INBOUND	UPBOUND	DOWNBOUND	LOADED
1973	40,952,909	3,717,250	27,873	4,131	3,351	10,296	2,807	210	506	2,384
1974	38,479,579	3,554,249	42,819	5,921	4,463	15,085	1,408	98	422	1,289
1975	34,135,648	3,380,255	43,579	2,885	4,171	13,376	204	33	25	1,000
1976	28,308,147	4,052,877	14,409	6	3,428		5	6	11	
1977	28,220,192	4,303,886	2,800	6,975	7,910	2,034				
1978	30,080,550	3,672,256	6,820	988	282	8,262				
1979	28,519,440	3,482,840	789	4,023	6,201	867				
1980	27,383,419	4,296,080	4,236	109		4,546				
1981	21,014,511	4,315,354								
1982	20,583,467	4,141,353								

Waterborne Commerce of the United States, 1982

WATERBORNE COMMERCE OF THE UNITED STATES, 1982
WATERBORNE COMMERCE OF THE UNITED STATES, 1982

WATERBORNE COMMERCE OF THE UNITED STATES, 1982

WATERBORNE COMMERCE OF THE UNITED STATES, 1982

(SHORT TONS)

COMMODITY	TOTAL		FOREIGN		DOMESTIC	
	TOTAL	INCOMES	EXPORTS	IMPORTS	THROUGH	
TOTAL	7,424,941	2,749,675	600,427	1,937,419	12,781	
0101 COTTON, RAW	221		221			
0103 COTTON	20,015		20,015			
0105 CUFF	151	151				
0106 WOOLLEN COATS	532		532			
0107 WHEAT	252,171		252,171			
0119 OILSEEDS, NEC	933	476				
0121 TOBACCO, LEAF	20,193	19,932	258			
0129 FIELD CROPS, NEC	550	517				
0131 FRESH FRUITS	600	23	607			
0132 BANANAS AND PLANTAINS	61,903	64,866	77			
0133 CEREALS	13,004	13,759	132			
0134 COCOA BEANS	10,371	10,371				
0141 FRESH AND FROZEN VEGETABLES	2,002	1,117	665			
0151 LIVE ANIMALS	1					
0161 ANIMALS AND PRODUCTS, NEC	5,007	2,536	2,511			
0191 MISCELLANEOUS FARM PRODUCTS	613	602				
0801 CRUDE RUBBER AND ALLIED GUMS	2,200	2,077	223			
0861 FOREST PRODUCTS, NEC	4,750	4,369	181			
0911 FRESH FISH, EXCEPT SHELLFISH	1,442	1,316	126			
0912 SHELLFISH, EXCEPT SHELLFISH	1,941	1,854	87			
1011 IRON ORE AND CONCENTRATES	159					
1051 ALUMINUM ORES, CONCENTRATES	2,222	1,987	235			
1061 MANGANESE ORES, CONCENTRATES	14					
1091 NONFERROUS ORES, CONCENTRATES, NEC	212	171	41			
1121 COAL AND LIGNITE	6,283		6,283			
1311 CRUDE PETROLEUM	37,406	37,406				
1411 LIMESTONE	1,050,436	1,049,747	689			
1442 SAND, GRAVEL, CRUSHED ROCK	891,713	892	8,478	287,190	505,153	
1441 CLAY	6,501	4,885	1,616			
1491 SALT	30,900	30,315	585			
1492 SULPHUR, DRY	545		545			
1499 NONMETALLIC MINERALS, NEC	2,196	247	1,949			
1911 ORNAMENT AND ACCESSORIES	1,455	479	976			
2011 MEAT, FRESH, CHILLED, FROZEN	10,231	14,958	4,727			
2012 MEAT AND PRODUCTS, NEC	1,253	1,109	2,140			
2014 TALLOW, ANIMAL FATS AND OILS	4,816		4,816			
2015 ANIMAL BY-PRODUCTS, NEC	2,950	1,468	1,482			
2021 DAIRY PRODUCTS, NEC	5,773	5,701	72			
2022 DRIED MILK AND CREAM	1,855	3	1,852			
2031 FISH AND SHELLFISH, PREPARED	9,781	9,174	607			
2034 VEGETABLES AND PREP, NEC	40,803	40,804	1,745			
2039 PREP FRUIT AND VEG JUICE, NEC	17,588	15,202	2,386			
2041 WHEAT FLOUR AND SEMOLINA	226		226			
2042 ANIMAL FEEDS	30,706	680	30,026			
2049 GRAIN MILL PRODUCTS, NEC	14,161	11,208	2,953			
2061 SUGAR	375,053	255,250	119,803			
2062 MOLASSES	20,362	26,582	2,780			
2081 ALCOHOLIC BEVERAGES	121,028	118,092	2,936			
2091 VEGETABLE OILS, MARG, SHORT	4,518	6,022	2,004			
2092 ANIMAL OILS AND FATS, NEC	1,204	1,201	3			
2099 MISCELLANEOUS FOOD PRODUCTS	45,435	28,251	17,184			
2111 TOBACCO MANUFACTURES	500	128	372			
2211 BASIC TEXTILE PRODUCTS	25,607	15,943	9,664			
2212 TEXTILE FIBERS, NEC	134		134			
2311 APPAREL	19,181	18,083	1,098			
2411 LUMBER	135		135			
2413 FUEL WOOD, CHARCOAL, WASTES	2,380		2,380			
2414 WOOD CHIPS, STAVES, WOODINGS	2,004	1,905	101			
2421 LUMBER	18,721	18,302	419			
2431 VENEER, PLYWOOD, WORKED WOOD	771	410	361			
2491 WOOD MANUFACTURES, NEC	3,370	2,402	968			
2511 FURNITURE AND FIXTURES	11,651	9,438	2,213			
2611 PAPER	4,448	2,807	1,641			
2631 PAPER AND PAPERBOARD	10,866	2,230	17,826			
2691 PULP AND PAPER PRODUCTS, NEC	12,005	2,923	9,082			
2711 PRINTED MATTER	14,803	4,866	9,937			
2811 CRUDE TAP, OIL, GAS PRODUCTS	40		40			
2812 DYES, PIGMENT, TANNING MATS	1,200		1,200			
2813 ALCOHOLS	10		10			
2816 RADIOACTIVE MATERIALS, WASTE	124	62	72			
2819 BASIC CHEMICALS AND PROD, NEC	54,403	28,952	22,451			
2821 PLASTIC MATERIALS	50,481	19,200	31,281			
2822 SYNTHETIC RUBBER	1,065		1,065			
2823 SYNTHETIC (MAN-MADE) FIBERS	3,152	2,333	1,819			
2831 DRUGS	3,100	1,322	1,778			
2841 SOAP	11,250	2,220	9,030			
2842 PAINTS	13,032	9,141	3,891			
2861 GUM AND GUM CHEMICALS	43	22	21			
2871 NITROGENOUS CHEM FERTILIZERS	2,201	2	300	1,850		
2873 PHOSPHATIC CHEM FERTILIZERS	87	3	84			
2876 INSECTICIDES, DISINFECTANTS	1,688	665	1,023			
2879 FERTILIZER AND MATERIALS, NEC	69		69			
2891 MISCELLANEOUS CHEMICAL PROD	23,786	4,276	19,510			
2911 GASOLINE	365,015	9,013	1,041	362,002	910	
2912 JET FUEL	43,715				43,715	
2913 KEROSENE	20,914	19,313	1,601		19,313	
2914 DISTILLATE FUEL OIL	309,293	2,131		282,277	27,016	
2915 RESIDUAL FUEL OIL	1,252,205	442,520		801,361	450,844	
2916 LUBRICATING OILS AND GREASES	61,932	50,763	7,169			

NEW YORK, NY, DISTRICT

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HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO
WATERFORD, N. Y. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

OFFHANDING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH IMPORTED
		IMPORTS	EXPORTS	EXPORTS	IMPORTS	
2017 NAPHTHA, PETROLEUM SOLVENTS-----	37,114	-----	-----	37,114	-----	-----
2018 ASPHALT, TAR, AND PITCHES-----	60,540	4,705	221	60,540	-----	12,781
2020 COKE, PETROLEUM COKE-----	42,094	-----	42,094	-----	-----	-----
2021 LIQUEFIED GASES-----	292	A	284	-----	-----	-----
2051 ASPHALT BUILDING MATERIAL-----	1,459	-----	1,459	-----	-----	-----
2091 PETROLEUM AND COAL PROD., NEC-----	3,404	569	899	-----	2,330	-----
3011 RUBBER AND MISC PLASTIC PROD-----	22,371	14,635	7,736	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	15,420	10,640	5,140	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	15,576	10,299	7,277	-----	-----	-----
3241 BUILDING CEMENT-----	1,154,904	19,174	511	-----	1,135,224	-----
3251 STRUCTURAL CLAY PRODUCTS-----	12,634	9,322	3,316	-----	-----	-----
3271 LIME-----	30	24	A	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	7,289	7,229	60	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	14,544	11,191	3,393	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	114	62	56	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	25,272	24,227	1,045	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	8,421	-----	8,421	-----	-----	-----
3317 IRON AND STEEL PIPE AND TURF-----	5,041	2,945	2,056	-----	-----	-----
3318 FERROALLOYS-----	292	272	20	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	3,374	2,649	709	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	4,613	3,242	1,331	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	12,085	11,323	762	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	475	341	294	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	7,107	5,431	1,276	-----	-----	-----
3411 FARMICATED METAL PRODUCTS-----	54,813	38,443	15,930	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	56,492	24,649	32,125	-----	114	-----
3611 ELECTRICAL MACH AND EQUIP-----	44,547	24,414	19,733	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	51,577	38,222	13,355	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	845	110	735	-----	-----	-----
3731 SHIPS AND BOATS-----	480	140	340	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,704	43	4,641	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	17,661	5,379	12,282	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	30,141	26,670	3,471	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	61,244	2	61,242	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	9,430	641	4,789	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	10,372	13	10,339	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	64,043	51	64,002	-----	-----	-----
4112 COMMODITIES, NEC-----	11,731	4,305	7,426	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCT-----	4,975	-----	4,975	-----	-----	-----
TON-MILES, OFFHANDING, 443,949,274.	-----	-----	-----	-----	-----	-----

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH IMPORTED
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	
TOTAL-----	13,114,886	8,316,231	4,716	2,82,152	3,773,072	72,744
0133 COFFE-----	76,020	73,460	-----	-----	2,560	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,991,486	-----	-----	2,991,486	-----	131,297
2091 VEGETABLE OILS, MARG, SHORT-----	14,079	12,945	-----	1,094	-----	-----
2810 SODIUM HYDROXIDE-----	4,374	4,374	-----	-----	-----	-----
2911 GASOLINE-----	3,185,431	2,953,449	-----	120,936	10,400	6,076
2912 JET FUEL-----	166,400	51,094	-----	27,940	4,273	80,442
2913 KEROSENE-----	156,617	143,726	-----	1,422	-----	11,449
2914 DISTILLATE FUEL OIL-----	2,360,472	2,132,815	2,353	77,012	44,734	41,362
2915 RESIDUAL FUEL OIL-----	3,010,336	2,448,597	2,363	54,442	16,109	5,042
2916 LUBRICATING OILS AND GREASES-----	251	251	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,901	2,901	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	114,276	29,344	-----	-----	-----	44,924
2991 PETROLEUM AND COAL PROD., NEC-----	16,026	15,816	-----	210	-----	-----
3241 BUILDING CEMENT-----	327,696	-----	-----	327,696	-----	-----
4011 IRON AND STEEL SCRAP-----	32,209	-----	-----	32,209	-----	-----
4024 WASTE AND SCRAP, NEC-----	647,747	-----	-----	647,747	-----	-----
4111 WATER-----	3,415	3,415	-----	-----	-----	-----
TON-MILES, INTERNAL, 434,289,066.	-----	-----	-----	-----	-----	-----

TONS, ALL TRAFFIC, 20,543,867.
TON-MILES, ALL TRAFFIC, 1,278,238,346.

Waterborne Commerce of the United States, 1982

MUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK
(HARLEM RIVER) TO WATERFORD, N. Y.

SECTION INCLUDED: MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y. CONTROLLING DEPTHS: 32 FEET MEAN LOW WATER FROM NEW YORK CITY TO 1,500 FEET SOUTH OF NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO HEAD OF PROJECT AT WATERFORD, N. Y. PROJECT DEPTH: 34 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL MEAN LOW WATER FROM NEW YORK CITY TO ALBANY; 14 FEET LOWEST LOW WATER TO WATERFORD. PROJECT LENGTH: ABOUT 155 MILES, NAVIGATION SEASON: LOWER SECTION: 12 MONTHS, UPPER SECTION: FOR BARGES 8 MONTHS, FOR OCEANGOING VESSELS 12 MONTHS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	32,067,221	1,249,032	1978-----	25,743,749	655,049
1974-----	24,684,748	1,251,333	1979-----	24,410,678	1,117,009
1975-----	24,880,506	911,087	1980-----	23,204,158	1,104,844
1976-----	24,279,222	1,025,518	1981-----	17,739,085	1,012,533
1977-----	24,313,694	932,470	1982-----	17,274,634	880,003

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH UPBOUND
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	5,544,005	1,534,331	361,865	1,798,046	1,810,446	19,317
0103 CORN-----	19,852		19,852			
0107 WHFAT-----	258,471		258,471			
0132 BANANAS AND PLANTAINS-----	62,257	62,257				
0861 FOREST PRODUCTS, NEC-----	5	5				
1121 COAL AND LIGNITE-----	6,046		6,046			
1311 CRUDE PETROLEUM-----	37,406	37,406				
1411 LIMESTONE-----	1,040,747	1,040,747				
1442 SAND, GRAVEL, CRUSHED ROCK-----	750,202		5,871	158,178	595,153	
2034 VEGETABLES AND PREP, NEC-----	27	0	18			
2039 PREP FRUIT AND VEG JUICE, NEC-----	912	912				
2042 ANIMAL FEEDS-----	6		6			
2061 SUGAR-----	366,578	247,212		119,366		
2062 MOLASSES-----	3,230	530	2,700			
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,200		5,200			
2211 BASIC TEXTILE PRODUCTS-----	6		6			
2311 APPAREL-----	1		1			
2511 FURNITURE AND FIXTURES-----	19		19			
2711 PRINTED MATTER-----	1	1				
2819 BASIC CHEMICALS AND PROD, NEC-----	34	13	21			
2821 PLASTIC MATERIALS-----	8		8			
2831 DRUGS-----	10		10			
2851 PAINTS-----	1		1			
2871 NITROGENOUS CHFM FERTILIZERS-----	1,850			1,850		
2911 GASOLINE-----	352,042			352,042		
2917 JET FUEL-----	43,715				43,715	
2913 KEROSENE-----	10,301			6,490	3,811	
2914 DISTILLATE FUEL OIL-----	304,575			275,741	23,298	6,536
2915 RESIDUAL FUEL OIL-----	921,907	112,222		801,361	8,324	
2916 LUBRICATING OILS AND GREASES-----	2		2			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	35,867			35,867		
2918 ASPHALT, TAR, AND BITCHES-----	59,614			46,833		12,781
2920 COKE, PETROLEUM-----	41,808		41,808			
2991 PETROLEUM AND COAL PROD, NEC-----	1,121				1,121	
3011 RUBBER AND MISC PLASTIC PROD-----	21		21			
3241 BUILDING CEMENT-----	1,135,224				1,135,224	
3291 MISC NONMETALLIC MINERAL PROD-----	18		18			
3316 IRON AND STEEL PLATES, SHEETS-----	9		9			
3317 IRON AND STEEL PIPE AND TUBE-----	14		14			
3321 NONFERROUS METALS, NEC-----	804	804				
3411 FABRICATED METAL PRODUCTS-----	2	1	1			
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,050	1	1,931	118		
3611 ELECTRICAL MACH AND EQUIP-----	11		11			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	23,203	23,180	14			
3791 MISC TRANSPORTATION EQUIPMENT-----	5		5			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	10		10			
4011 IRON AND STEEL SCRAP-----	39,771		39,771			
4012 NONFERROUS METAL SCRAP-----	20		20			
4112 COMMODITIES, NEC-----	22	22				
TON-MILES, OCEANGOING, 375,703,243.						

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH UPBOUND
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			
TOTAL-----	11,734,629	7,635,717	4,716	282,152	3,250,813	29,733	215,512	307,386
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,996,803				2,802,578		188,224	
2810 SODIUM HYDROXIDE-----	2,432	2,432						
2911 GASOLINE-----	3,185,831	2,953,449		120,938	19,400	6,279	5,076	80,482
2912 JET FUEL-----	166,800	51,098		27,980	4,273			83,493
2913 KEROSENE-----	144,780	131,889		1,822				11,469
2914 DISTILLATE FUEL OIL-----	2,269,143	2,068,802	2,353	77,012	63,711	10,023	5,190	41,352
2915 RESIDUAL FUEL OIL-----	2,487,444	2,384,186	2,363	54,842	15,078	8,531	17,022	5,462
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,701	2,701						

NEW YORK, NY, DISTRICT

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HUDSON RIVER, N. Y., SOUTH OF SPIUYTEN DUYVIL CREEK
(HARLEM RIVER) TO WATERFORD, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH UPBOUND
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	
2918 ASPHALT, TAR, AND BITUMENS-----	114,278	29,348	-----	-----	-----	84,930
2991 PETROLEUM AND COAL PROD, NEC-----	15,816	15,816	-----	-----	-----	-----
3281 BUILDING CEMENT-----	327,696	-----	-----	-----	327,696	-----
4011 IRON AND STEEL SCRAP-----	1,546	-----	-----	-----	1,546	-----
4029 WASTE AND SCRAP, NEC-----	25,121	-----	-----	-----	25,121	-----
TON-MILES, INTERNAL, 704,179,213,						
TONS, ALL TRAFFIC, 17,278,634,						
TON-MILES, ALL TRAFFIC, 1,079,882,456,						

TARRYTOWN HARBOR, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: A CHANNEL ALONG THE WHARF FRONT AND NORTHERLY AND SOUTHERLY CONNECTING CHANNELS TO DEEP WATER IN THE HUDSON RIVER, CONTROLLING DEPTH: 9 FEET IN NORTH BRANCH AND 10 FEET ALONG WHARF FRONT AND 10 FEET IN SOUTH BRANCH. PROJECT DEPTH: 12 FEET, ALL AT MEAN LOW WATER. PROJECT LENGTH: 1 MILE. NAVIGATION SEASON: 10 MONTHS OF THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	632,798	1978-----	430,798
1974-----	669,239	1979-----	470,287
1975-----	492,129	1980-----	433,203
1976-----	409,571	1981-----	338,760
1977-----	257,359	1982-----	395,802

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL
		RECEIPTS	WFEIPTS	
TOTAL-----	395,802	155,851	239,951	
1442 SAND, GRAVEL, CRUSHED ROCK-----	304,075	155,851	148,224	
2914 DISTILLATE FUEL OIL-----	24,325	-----	24,325	
2915 RESIDUAL FUEL OIL-----	27,402	-----	27,402	

ROXBURY HARBOR, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: HUDSON RIVER TO WEST END OF ISLAND DOCK, CONTROLLING DEPTH: 14 FEET FROM DEEP WATER IN HUDSON RIVER TO HIGHWAY BRIDGE, THENCE 12 FEET TO WEST END OF ISLAND DOCK. PROJECT DEPTH: 14 AND 12 FEET, ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.8 MILES. NAVIGATION SEASON: 9 MONTHS OF THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	861,394	1978-----	402,173
1974-----	650,322	1979-----	508,890
1975-----	511,037	1980-----	413,971
1976-----	437,730	1981-----	418,210
1977-----	514,169	1982-----	455,999

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL
		SHIPMENTS	RECEIPTS	
TOTAL-----	435,999	115,000	100,453	220,546
1442 SAND, GRAVEL, CRUSHED ROCK-----	334,000	115,000	-----	219,000
2911 GASOLINE-----	30,286	-----	30,286	-----
2913 KEROSENE-----	837	-----	837	-----
2914 DISTILLATE FUEL OIL-----	88,709	-----	88,709	-----
2915 RESIDUAL FUEL OIL-----	622	-----	622	-----
4011 IRON AND STEEL SCRAP-----	1,546	-----	-----	1,546

Waterborne Commerce of the United States, 1982

PORT OF ALBANY, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM THE SOUTHERLY END OF CARRAGE ISLAND OR ISLAND CREEK TO THE NORTHERLY LIMITS OF THE CITIES OF PENNSAUGER AND ALBANY. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER FROM THE SOUTHERLY END OF CARRAGE ISLAND TO 4,500 FEET SOUTH OF NORTH LIMIT OR 32-FOOT PROJECT; THENCE 13 FEET TO NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO WATERFORD. PROJECT DEPTH: 30 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL TO A POINT ABOUT 2,200 FEET SOUTH OF DUNN MEMORIAL BRIDGE; THENCE 10 FEET TO WATERFORD. ALL AT MEAN LOW WATER EXCEPT FROM ALBANY TO TROY LOCK AND DAM WHICH IS AT LOWEST LOW WATER. NAVIGATION SEASON: FOR BARGES, 6 MONTHS; FOR OCEANGOING VESSELS, 12 MONTHS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	11,324,279	-----	1976-----	9,632,493	144
1974-----	9,810,040	-----	1979-----	9,658,112	-----
1975-----	9,260,233	-----	1980-----	8,711,672	302
1976-----	10,146,459	720	1981-----	5,473,241	142
1977-----	9,591,325	-----	1982-----	5,154,408	116

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	5,154,448	388,067	332,088	782,798	80,060	3,151,809	196,555	27,062
0103 CORN-----	19,852	-----	19,852	-----	-----	-----	-----	-----
0107 WHEAT-----	254,471	-----	254,471	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	62,257	62,257	-----	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	37,399	37,399	-----	-----	-----	-----	-----	-----
1411 LIMESTONE-----	254,954	254,954	-----	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	910	910	-----	-----	-----	-----	-----	-----
2062 MOLASSES-----	530	530	-----	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	1	1	-----	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	2,432	-----	-----	-----	-----	2,432	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	1,850	-----	-----	1,850	-----	-----	-----	-----
2911 GASOLINE-----	2,110,188	-----	-----	344,776	-----	1,617,687	141,911	5,814
2912 JET FUEL-----	116,564	-----	-----	-----	43,715	40,656	32,213	-----
2913 KEROSENE-----	95,610	-----	-----	6,680	3,611	83,887	1,422	-----
2914 DISTILLATE FUEL OIL-----	1,239,749	-----	-----	275,741	23,298	787,809	184,063	4,838
2915 RESIDUAL FUEL OIL-----	827,801	-----	-----	117,874	4,320	612,247	74,946	14,010
2917 NAPHTHA, PETROLEUM SOLVENTS-----	38,768	-----	-----	35,867	-----	2,901	-----	-----
2920 COKE, PETROLEUM COKE-----	12,117	-----	12,117	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	5,331	-----	-----	-----	1,121	4,210	-----	-----
3321 NONFERROUS METALS, NEC-----	804	804	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,874	-----	1,877	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	23,189	23,189	-----	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	39,771	-----	39,771	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	22	22	-----	-----	-----	-----	-----	-----

FEDERAL LOCK, TROY, N. Y.

NAVIGATION SEASON: 13 APRIL TO 14 DECEMBER 1982

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	2,386,888	1976-----	1,490,922
1974-----	2,124,615	1979-----	1,262,205
1975-----	1,747,012	1980-----	1,034,103
1976-----	1,940,369	1981-----	731,570
1977-----	1,568,076	1982-----	632,633

FREIGHT TRAFFIC, 1982

COMMODITY	TONS
2062 MOLASSES-----	10,532
2879 FERTILIZER AND MATERIALS, NEC-----	3,400
2911 GASOLINE-----	221,985
2912 JET FUEL-----	108,661
2913 KEROSENE-----	19,176
2914 DISTILLATE FUEL OIL-----	94,179
2915 RESIDUAL FUEL OIL-----	88,806
2918 ASPHALT, TAR, AND PITCHES-----	104,904
3317 IRON AND STEEL PIPE AND TURF-----	100
3511 MACHINERY, EXCEPT ELECTRICAL-----	600
GRAND TOTAL-----	632,633
TRAFFIC (TONS) NORTH-----	628,380
TRAFFIC (TONS) SOUTH-----	4,254
TOTAL-----	632,633

NEW YORK, NY, DISTRICT

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NEW YORK STATE BARGE CANAL SYSTEM, N. Y.

SECTION INCLUDED: FEDERAL PROJECT-ERIE SECTION: FROM WATERFORD TO THREE RIVERS; OSWEGO SECTION: THREE RIVERS TO OSWEGO, N. Y. NON-PROJECT-ERIE SECTION: THREE RIVERS TO TONAWANDA, N. Y.; CHAMPLAIN SECTION: WATERFORD TO WHITEHALL, N. Y. CONTROLLING DEPTH: 10 FEET IN EARTH CUTS, ROCK CUTS, CANALIZED RIVERS AND LAKES AND IN OPEN RIVERS; 12 FEET IN LOCKS. PROJECT DEPTH: 10 FEET, 13 FEET IN LOCKS. PROJECT LENGTH: APPROXIMATELY 180 MILES. ALL BELOW NORMAL POOL LEVEL. NAVIGATION SEASON: 22 APRIL TO 6 DECEMBER 1962.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	2,548,113	1978-----	1,553,310
1974-----	2,222,827	1979-----	1,303,337
1975-----	1,940,772	1980-----	1,138,382
1976-----	2,227,052	1981-----	897,925
1977-----	1,826,874	1982-----	777,292

SUMMARY FREIGHT TRAFFIC, 1962

DIVISIONS	TONS
CAYUGA-SENECA-----	-----
CHAMPLAIN-----	431,224
ERIE-----	283,806
OSWEGO-----	62,260
TOTAL-----	777,292

DISTRIBUTION AND FLOW OF TRAFFIC

TRAFFIC	CAYUGA-SENECA (TONS)	CHAMPLAIN (TONS)	ERIE (TONS)	OSWEGO (TONS)	TOTAL ALL CANALS (TONS)
EAST-----	-----	428,517	4,327	62,260	495,124
WEST-----	-----	2,889	279,479	-----	282,168
THROUGH-----	-----	427,127	31,025	62,160	520,312
LOCAL-----	-----	4,099	252,381	100	256,580
THROUGH, EAST-----	-----	424,438	4,327	62,160	490,925
THROUGH, WEST-----	-----	2,889	27,008	-----	29,897
LOCAL, EAST-----	-----	4,099	-----	100	4,199
LOCAL, WEST-----	-----	-----	252,381	-----	252,381

THE TOTAL TONNAGE OF THE COMMODITIES TRANSPORTED AND THE AMOUNTS (IN NET TONS) MOVED EASTWARD AND WESTWARD ARE SHOWN IN THE FOLLOWING STATEMENT:

COMMODITY	TOTAL	EAST	WEST
TOTAL-----	777,292	495,124	282,168
1482 SAND GRAVEL CRUSHED ROCK-----	78,650	-----	78,650
2062 MOLASSES-----	10,445	-----	10,445
2911 GASOLINE-----	198,782	179,688	17,174
2912 JET FUEL-----	122,322	117,979	4,343
2913 KEROSENE-----	23,061	23,061	-----
2914 DISTILLATE FUEL OIL-----	91,647	80,499	11,148
2915 RESIDUAL FUEL OIL-----	72,861	22,717	50,144
2918 ASPHALT, TAR, AND BITUMENS-----	118,604	-----	118,604
3241 BUILDING CEMENT-----	62,160	62,160	-----
3811 FABRICATED METAL PRODUCTS-----	600	100	500
3511 MACHINERY, EXCEPT ELECTRICAL-----	100	-----	100
TOTAL TON-MILES, 65,425,929.			

NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.

SECTION INCLUDED: FROM WHITEHALL TO BENSON LANDING. CONTROLLING DEPTH: (1977) 12 FEET LOW LAKE LEVEL FROM WHITEHALL TO THE FLOTH; THENCE 12 FEET TO BENSON LANDING. PROJECT DEPTH: 12 FEET LOW LAKE LEVEL. PROJECT LENGTH: 13.5 MILES. NAVIGATION SEASON: ABOUT 7 MONTHS OF THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,379,385	1978-----	831,720
1974-----	1,337,763	1979-----	717,284
1975-----	1,097,110	1980-----	614,702
1976-----	1,272,836	1981-----	493,370
1977-----	1,060,367	1982-----	417,049

NOTE: ABOVE TOTALS INCLUDE THROUGH TRAFFIC.

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NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL THROUGH	
		UPROUND	DOWNROUND
TOTAL-----	417,049	218,496	2,353
2911 GASOLINE-----	173,956	173,956	-----
2912 JET FUEL-----	106,986	106,986	-----
2913 KEROSENE-----	12,891	12,891	-----
2914 DISTILLATE FUEL OIL-----	110,255	107,902	2,353
2915 RESIDUAL FUEL OIL-----	12,961	12,961	-----
TOTAL TON-MILES, 7,506,882.			

HEMPSTEAD HARBOR, N. Y.

SECTION INCLUDED: FROM LONG ISLAND SOUND TO ROSLYN TOWN WHARF. CONTROLLING DEPTH: 6 FEET FROM ENTRANCE OF HAR REACH TO 2750 FEET ABOVE ENTRANCE, THENCE 6 FEET TO 0.0 FEET TO HEAD OF PROJECT. PROJECT DEPTH: 13 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	3,932,757	192,726	1978-----	3,735,575	235,077
1974-----	3,229,077	215,216	1979-----	2,621,631	215,231
1975-----	2,298,906	225,580	1980-----	2,769,267	276,861
1976-----	1,488,396	246,973	1981-----	2,598,357	188,185
1977-----	1,502,662	224,400	1982-----	2,698,242	215,562

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	2,698,242	1,020,522	1,675,321	2,399
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,127,461	449,701	1,675,321	2,399
2911 GASOLINE-----	271,102	271,102	-----	-----
2913 KEROSENE-----	3,727	3,727	-----	-----
2914 DISTILLATE FUEL OIL-----	242,253	242,253	-----	-----
2915 RESIDUAL FUEL OIL-----	45,704	45,704	-----	-----
3731 SHIPS AND BOATS-----	2,771	2,771	-----	-----
4029 WASTE AND SCRAP, NEC-----	5,184	5,184	-----	-----
TOTAL TON-MILES, 6,827,898.				

PORT JEFFERSON HARBOR, N. Y.

SECTION INCLUDED: FROM DEEP WATER IN LONG ISLAND SOUND TO PORT JEFFERSON HARBOR, THENCE TO VILLAGE OF PORT JEFFERSON. CONTROLLING DEPTH: 27 FEET. PROJECT DEPTH: 40 FEET IN ENTRANCE CHANNEL. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1973-----	4,048,518	212,460	50,304	1978-----	4,407,276	106,330	25,055
1974-----	4,464,031	159,380	36,478	1979-----	4,231,607	203,084	50,786
1975-----	4,346,392	159,496	40,618	1980-----	3,301,718	31,320	-----
1976-----	4,409,221	149,584	45,014	1981-----	3,494,265	229,757	60,260
1977-----	4,484,081	96,789	24,434	1982-----	3,428,511	141,202	30,190

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC		INTERNAL	
		IMPORTS	COASTWISE			RECEIPTS
			RECEIPTS	SHIPMENTS		
TOTAL-----	3,428,511	288,011	3,121,390	19,093	17	
0912 SMELTFISH, EXCEPT PREPARED-----	17	-----	-----	-----	17	
1442 SAND, GRAVEL, CRUSHED ROCK-----	255,161	-----	255,161	-----	-----	

NEW YORK, NY, DISTRICT

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PORT JEFFERSON HARBOR, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		IMPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS
2001 SUGAR-----	25,53A	25,53A	-----	-----
2011 GASOLINE-----	1,629,503	227,55A	1,401,945	-----
2012 JET FUEL-----	53,275	-----	35,135	1A,140
2013 KEROSENE-----	29,010	-----	2A,957	953
2014 DISTILLATE FUEL OIL-----	A6A,5A1	1A,471	A52,08A	-----
2015 RESIDUAL FUEL OIL-----	555,692	1A,444	537,24A	-----
2017 NAPHTHA, PETROLEUM SOLVENTS-----	2,04A	-----	2,04A	-----
2041 PETROLEUM AND COAL PROD, NEC-----	A,017	-----	A,017	-----
4029 WASTE AND SCRAP, NEC-----	791	-----	791	-----
TOTAL TON-MILES, A,857,005.				

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BROWNS CREEK, N. Y.-----	4112 COMMODITIES, NEC-----	4,998	4,998	910,734
HURLINGTON HARBOR, VT.-----	2911 GASOLINE-----	63,422	-----	-----
	2912 JET FUEL-----	9,479	-----	-----
	2913 KEROSENE-----	6,874	-----	-----
	2914 DISTILLATE FUEL OIL-----	49,992	-----	-----
	2915 RESIDUAL FUEL OIL-----	3,595	-----	-----
	TOTAL-----	133,362	-----	-----
CHEESEMAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
CONY ISLAND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	17,553	17,553	-----
ECHO BAY HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	1,214	1,214	-----
ELIZABETH RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
FIRE ISLAND INLET, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	23	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	50	-----	-----
	TOTAL-----	73	73	270,260
GLEN COVE CREEK, N. Y.-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	194,358	-----	-----
	2914 DISTILLATE FUEL OIL-----	18,204	-----	-----
	4029 WASTE AND SCRAP, NEC-----	3,000	-----	-----
	TOTAL-----	215,562	215,562	-----
GLEN COVE HARBOR, N. Y.-----	NO COMMERCE REPORTED			
GREAT KILLS HARBOR, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----				73,930
GREAT SOUTH BAY, N. Y. (INCLUDING STATISTICS FOR PATCHOGUE RIVER, N. Y.)-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	26	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	3,032	-----	-----
	4112 COMMODITIES, NEC-----	15,450	-----	-----
	TOTAL-----	18,508	32,977	2,947,837
GREENPORT HARBOR, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2,093	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	551	-----	-----
	2914 DISTILLATE FUEL OIL-----	128	-----	-----
	TOTAL-----	2,772	2,772	274,356
HUNTINGTON HARBOR, N. Y.-----	0912 SHELLFISH, EXCEPT PREPARED-----	275	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	6,180	-----	-----
	TOTAL-----	6,455	12,635	20
JONES INLET, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,259	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	744	-----	-----
	TOTAL-----	2,003	4,006	132,850
KEYPORT HARBOR, N. J. (INCLUDED IN PORT OF NEW YORK)-----				7,610
LAKE MONTAUK HARBOR, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	3,204	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	196	-----	-----
	TOTAL-----	3,400	3,400	881,900
LARCHMONT HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
LEMON CREEK, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
LONG ISLAND INTRACOASTAL WATERWAY, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,214	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	668	-----	-----
	TOTAL-----	1,886	28,927	22,028
MAMARONECK HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	NO COMMERCE REPORTED			
MANHASSSET BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)-----	2914 DISTILLATE FUEL OIL-----	164,543	-----	-----
	2915 RESIDUAL FUEL OIL-----	4,802	-----	-----
	TOTAL-----	169,345	595,590	-----
MATTITUCK HARBOR, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	485	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	12	-----	-----
	TOTAL-----	497	998	12,760
NEW ROCHELLE HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)-----				79,720
NORTHPORT HARBOR, N. Y.-----	2915 RESIDUAL FUEL OIL-----	90,214	90,214	32
ORANOE CREEK, N. Y.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	25	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	1,275	-----	-----
	TOTAL-----	1,300	1,300	-----
PATCHOGUE RIVER, N. Y. (INCLUDED IN STATISTICS FOR GREAT SOUTH BAY, N. Y.)-----				78,523

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS-MILES	PASSENGERS
PROJECT--CONTINUED				
PECONIC RIVER, N. Y.	NO COMMERCE REPORTED			
PEEKSKILL HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)	NO COMMERCE REPORTED			
PORT HENRY HARBOR, N. Y.	2911 GASOLINE-----	4,163		
	2913 KEROSENE-----	471		
	2914 DISTILLATE FUEL OIL-----	3,658		
	TOTAL-----	8,292		
RAHWAY RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK-----	35,330	70,660	
ROUSE POINT, N. Y.				558
SAG HARBOR, N. Y.	2914 DISTILLATE FUEL OIL-----	1,620	1,620	
SANDY HOOK BAY AT LEONARDO, N. J. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
SANDY HOOK BAY, N. J.				293,790
SAUGERTIES HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)	NO COMMERCE REPORTED			
SHARK RIVER, N. J.				883,850
SHEEPSHEAD BAY, N. Y.	1311 CRUDE PETROLEUM-----	2,899		
	2914 DISTILLATE FUEL OIL-----	1,204		
	4029 WASTE AND SCRAP, NEC-----	19,202		
	TOTAL-----	23,305	23,305	386,990
SHINNECOCK INLET, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH-----	982		
	0912 SHELLFISH, EXCEPT PREPARED-----	53		
	TOTAL-----	1,035	2,070	5,360
SHOAL HARBOR AND COMPTON CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK-----	1,051		
	4029 WASTE AND SCRAP, NEC-----	3,281		
	TOTAL-----	4,332	8,664	
SHREWSBURY RIVER, N. J.				148,470
WALLABOUT CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
WAYCAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
NONPROJECT				
GOWANUS CANAL, N. Y. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK-----	252,401		
	2913 KEROSENE-----	2,789		
	2914 DISTILLATE FUEL OIL-----	332,054		
	2915 RESIDUAL FUEL OIL-----	80,696		
	3731 SHIPS AND BOATS-----	2,771		
	TOTAL-----	630,711	857,936	
GRAVESEND BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)	1311 CRUDE PETROLEUM-----	135,576		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	17,553		
	2911 GASOLINE-----	39,858		
	2913 KEROSENE-----	2,821		
	2914 DISTILLATE FUEL OIL-----	14,151		
	2915 RESIDUAL FUEL OIL-----	343,076		
	2916 LUBRICATING OILS AND GREASES-----	150		
	2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,340		
	4029 WASTE AND SCRAP, NEC-----	147,754		
	4111 WATER-----	2,685		
	4112 COMMODITIES, NEC-----	48		
	TOTAL-----	708,998	796,750	
LONG ISLAND SOUND, N. Y. (INCLUDED IN PORT OF NEW YORK)	2914 DISTILLATE FUEL OIL-----	4,553	19,659	79,720
OYSTER BAY, N. Y.	1442 SAND, GRAVEL, CRUSHED ROCK-----	204,648		
	2911 GASOLINE-----	66,609		
	2914 DISTILLATE FUEL OIL-----	223,617		
	2915 RESIDUAL FUEL OIL-----	1,494		
	TOTAL-----	496,368	921,101	
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)	2099 GRAIN MILL PRODUCTS, NEC-----	3		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	67		
	2211 RASIC TEXTILE PRODUCTS-----	17		
	2212 TEXTILE FIRERS, NEC-----	2		
	2311 APPAREL-----	12		
	2491 HOME MANUFACTURES, NEC-----	3		
	2511 FURNITURE AND FIXTURES-----	12		
	2631 PAPER AND PAPER PRODUCTS-----	21		
	2691 PULP AND PAPER PRODUCTS, NEC-----	4		
	2711 PRINTED MATTER-----	32		
	2819 BASIC CHEMICALS AND PROD, NEC-----	5		
	2821 PLASTIC MATERIALS-----	4		
	2831 DRUGS-----	1		
	2841 SOAP-----	4		

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
NONPROJECT--CONTINUED				
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK) (CONTINUED)	2851 PAINTS-----	11	-----	-----
	2876 INSECTICIDES, DISINFECTANTS-----	2	-----	-----
	2879 FERTILIZER AND MATERIALS, NEC-----	5	-----	-----
	2891 MISCELLANEOUS CHEMICAL PROD-----	177	-----	-----
	2913 KEROSENE-----	101	-----	-----
	2914 DISTILLATE FUEL OIL-----	12,963	-----	-----
	2915 RESIDUAL FUEL OIL-----	533	-----	-----
	2916 LUBRICATING OILS AND GREASES-----	35	-----	-----
	3011 RUBBER AND MISC PLASTIC PROD-----	5	-----	-----
	3211 GLASS AND GLASS PRODUCTS-----	3	-----	-----
	3291 MISC NONMETALLIC MINERAL PROD-----	4	-----	-----
	3316 IRON AND STEEL PLATES, SHEETS-----	330	-----	-----
	3317 IRON AND STEEL PIPE AND TUBE-----	4	-----	-----
	3322 COPPER ALLOYS, UNWORKED-----	2	-----	-----
	3323 LEAD AND ZINC, UNWORKED-----	13	-----	-----
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	1	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	64	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	174	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	48	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	11	-----	-----
	3721 AIRCRAFT AND PARTS-----	1	-----	-----
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	26	-----	-----
	3911 MISC MANUFACTURED PRODUCTS-----	9	-----	-----
	4111 WATER-----	400	-----	-----
	9999 DEPARTMENT OF DEFENSE AND SCI-----	3,070	-----	-----
	TOTAL-----	14,179	55,685	442,260

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER, TRENTON, N. J., TO THE SEA
(CONSOLIDATED REPORT)

COMPARATIVE STATEMENT OF TRAFFIC

COMPARATIVE STATEMENT OF TRAFFIC											
YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC			YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		
			RAILROAD FREIGHT CARS		AUTOMOBILES ACCOMPANYING PASSENGERS				RAILROAD FREIGHT CARS		AUTOMOBILES ACCOMPANYING PASSENGERS
			EMPTY	LOADED					EMPTY	LOADED	
1973--	139,297,118	4,013,115	5,532	5,685	1,750,940	1978--	132,438,907	1,282,049	1,616	1,693	214,988
1974--	143,673,501	1,613,120	5,053	4,928	224,705	1979--	140,463,460	1,443,570	783	938	203,936
1975--	131,819,164	1,578,524	4,063	3,987	163,003	1980--	119,309,114	1,426,211	393	418	236,261
1976--	133,496,091	1,140,723	2,672	3,483	171,538	1981--	111,896,194	1,458,789	398	625	254,142
1977--	133,276,227	1,175,525	1,520	2,513	181,508	1982--	98,283,826	1,425,185	40	118	411,158

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	79,232,163	49,547,598	4,117,327	1,509,874	2,827,267	7,640,509	8,620,733	1,990,971	2,977,884
0101 COTTON, RAW-----	235		235						
0102 BARLEY AND RYE-----	121		121						
0103 CORN-----	2,386,488		567,786		1,818,902				
0104 OATS-----	15							15	
0105 RICE-----	44		44						
0106 SORGHUM GRAINS-----	173		173						
0107 WHEAT-----	22,477		22,477						
0111 SOYBEANS-----	509,003		29,182		479,821				
0119 OILSEEDS, NEC-----	69	34	35						
0121 TOBACCO, LEAF-----	16,784	16,543	130	111					
0122 HAY AND FORAGE-----	21							21	
0129 FIELD CROPS, NEC-----	21,849	21,789	35		4			21	
0131 FRESH FRUITS-----	11,981	11,767	90	124					
0132 BANANAS AND PLANTAINS-----	126,107	2,963		123,144					
0133 COFFEES-----	1,040	1,021						19	
0134 COCOA BEANS-----	73,805	64,924	342	8,383		156			
0141 FRESH AND FROZEN VEGETABLES-----	6,922	4,614	15	293					
0151 LIVE ANIMALS-----	2		2						
0161 ANIMALS AND PRODUCTS, NEC-----	5,037	1,024	3,163	15	35				
0191 MISCELLANEOUS FARM PRODUCTS-----	2,381	3				153	2,225		
0801 CRUDE RUBBER AND ALLIED GUMS-----	1,210	1,164	46						
0801 FOREST PRODUCTS, NEC-----	2,535	1,903	551		1				
0911 FRESH FISH, EXCEPT SHELLFISH-----	7,054	7,334	520						
0912 SHELLFISH, EXCEPT PREPARED-----	1,587	1,281	46	205				55	
1011 IRON ORE AND CONCENTRATES-----	3,834,055	3,832,910	1,032		113				
1051 ALUMINUM ORES, CONCENTRATES-----	25,855	25,701	154						
1061 MANGANESE ORES, CONCENTRATES-----	205							205	
1091 NONFERROUS ORES, CONCENT, NEC-----	81,972	14,512	43,330	24,130					
1121 COAL AND LIGNITE-----	2,077,359		2,076,930	68	361				
1311 CRUDE PETROLEUM-----	42,982,343	40,187,304	243,611		2,232,695	57,658	261,675		
1411 LIMESTONE-----	702,428	444,237	42,617	215,570					
1412 BUILDING STONE, UNWORKED-----	22				22				
1421 SAND, GRAVEL, CRUSHED ROCK-----	6,466	37	1,799	4,508		122			
1451 CLAY-----	60,348	48,204	722	11,400			22		
1471 PHOSPHATE ROCK-----	1		1						
1491 SALT-----	145,912	40,344	186	105,382					
1492 SULPHUR, DRY-----	273		273						
1499 NONMETALLIC MINERALS, NEC-----	10,560	16,976	1,371	20	193				
1911 ORDNANCE AND ACCESSORIES-----	19	19							
2011 MEAT, FRESH, CHILLED, FROZEN-----	309,509	300,086	8,971		452				
2012 MEAT AND PRODUCTS, NEC-----	9,152	8,621	191		322		18		
2014 TALLOW, ANIMAL FATS AND OILS-----	22,213		21,320		893				
2015 ANIMAL BY-PRODUCTS, NEC-----	926	255	637					34	
2021 DAIRY PRODUCTS, NEC-----	14,383	13,380	31		972				
2022 DRIED MILK AND CREAM-----	45,369	327	44,931		111				
2031 FISH AND SHELLFISH, PREPARED-----	4,525	4,483	80				2		
2034 VEGETABLES AND PREP, NEC-----	7,913	3,920	794	123	277		2,777		
2039 PREP FRUIT AND VEG JUICE, NEC-----	195,041	163,303	242	29,560	96		1,795		
2041 WHEAT FLOUR AND SEMOLINA-----	208		208						
2042 ANIMAL FEEDS-----	34,633	332	34,301						
2049 GRAIN MILL PRODUCTS, NEC-----	2,224	486	1,503		13	22			
2061 SUGAR-----	140,441	122,404	37		24,700	1,300			
2062 MOLASSES-----	4,101						4,101		
2081 ALCOHOLIC BEVERAGES-----	72,305	47,074	2,202	64	11,159		11,806		
2091 VEGETABLE OILS, MARG, SHORT-----	7,628	2,765	125				4,738		
2092 ANIMAL OILS AND FATS, NEC-----	4,415	829	79	18				3,489	
2099 MISCELLANEOUS FOOD PRODUCTS-----	160,969	101,879	1,292	191	17,497	39,522	586		
2111 TOBACCO MANUFACTURES-----	4,157	457	3,641		59				
2211 BASIC TEXTILE PRODUCTS-----	14,793	5,542	8,490	492	4	116	147		
2212 TEXTILE FIBERS, NEC-----	1,578	1,467		91					20
2311 APPAREL-----	5,325	4,306	199	7		22	791		
2411 LUGGAGE-----	4,715	339	1,126		3,234		16		
2413 FUEL WOOD, CHARCOAL, WASTES-----	101	101							
2414 TIMBER, POSTS, POLES, PILING-----	489		481						
2416 WOOD CHIPS, STAVES, HOLDINGS-----	22	22							
2421 LUMBER-----	160,013	86,114	3,255	49,777	804	61			
2431 VENEER, PLYWOOD, WORKED WOOD-----	103,941	92,570	719	10,452					
2491 WOOD MANUFACTURES, NEC-----	3,642	2,497	1,053		21	48	23		
2511 FURNITURE AND FIXTURES-----	3,768	2,661	417	24	6	439	123	98	
2611 PULP-----	12,151	12,004	147						
2631 PAPER AND PAPERBOARD-----	99,021	93,439	5,038		540	4			

Waterborne Commerce of the United States, 1982

DELAWARE RIVER, TRENTON, N. J. TO THE SEA
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC			
		IMPORTS	EXPORTS	THROUGH		COASTWISE		THROUGH	
				UPBOUND	DOWNBOUND	RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
2601 PULP AND PAPER PRODUCTS, NEC---	15,478	977	1,206	2	8	1,597	11,648	-----	-----
2711 PRINTED MATTER-----	3,945	1,678	1,735	22	15	394	137	-----	-----
2810 SODIUM HYDROXIDE-----	155,732	-----	-----	-----	-----	140,472	10,005	5,251	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS---	6,942	-----	83	-----	-----	4,659	2,200	-----	-----
2912 DYES, PIGMENT, TANNING MATS---	413	-----	40	-----	1	-----	-----	-----	-----
2913 ALCOHOLS-----	61,444	228	-----	-----	-----	50,512	1,949	-----	-----
2917 BENZENE AND TOLUENE-----	76,640	-----	-----	-----	-----	23,092	18,040	17,850	17,478
2918 SULPHURIC ACID-----	27,756	-----	-----	-----	-----	15,456	4,300	4,000	-----
2919 BASIC CHEMICALS AND PROD., NEC---	673,401	60,644	156,353	16,110	3,429	316,476	45,669	9,452	64,864
2921 PLASTIC MATERIALS-----	34,872	2,856	30,626	2	1,365	-----	-----	23	-----
2922 SYNTHETIC RUBBER-----	6,940	-----	6,824	-----	116	-----	-----	-----	-----
2923 SYNTHETIC (MAN-MADE) FIBERS---	5,307	4,556	833	8	-----	-----	-----	-----	-----
2931 DRUGS-----	1,836	680	1,105	-----	10	-----	-----	41	-----
2941 SOAP-----	6,813	738	5,842	18	175	-----	-----	-----	-----
2951 PAINTS-----	12,358	6,935	1,157	4,254	8	-----	-----	-----	-----
2961 GUM AND WOOD CHEMICALS-----	131	82	47	-----	2	-----	-----	-----	-----
2971 NITROGENOUS CHEM FERTILIZERS---	64,247	757	978	65,932	-----	1,430	-----	-----	-----
2973 PHOSPHATIC CHEM FERTILIZERS---	70	-----	70	-----	-----	-----	-----	-----	-----
2976 INSECTICIDES, DRAINICIDANTS---	1,909	272	739	-----	898	-----	-----	-----	-----
2979 FERTILIZER AND MATERIALS, NEC---	249	253	266	-----	-----	-----	-----	-----	-----
2991 MISCELLANEOUS CHEMICAL PROD-----	63,401	19,225	29,938	10,095	872	12,150	-----	120	1
2911 GASOLINE-----	5,804,686	81,126	41,736	107,757	24	217,498	3,913,208	254,521	1,278,816
2912 JET FUEL-----	345,678	-----	-----	-----	-----	33,665	169,431	103,402	79,189
2913 KEROSENE-----	98,152	-----	19	-----	-----	10,946	28,812	551	48,764
2914 DISTILLATE FUEL OIL-----	3,669,656	643,254	89,442	36,442	11,968	855,916	1,630,738	59,009	522,893
2915 RESIDUAL FUEL OIL-----	7,979,006	1,635,061	38,649	145,105	-----	2,751,000	2,252,763	540,488	615,850
2916 LUBRICATING OILS AND GRAFABS---	1,727,602	543,522	111,991	19,256	20,514	671,507	273,146	67,277	11,305
2917 NAPHTHA, PETROLEUM SOLVENTS---	214,166	-----	-----	-----	-----	154,343	37,915	12,743	9,165
2918 ASPHALT, TAR, AND PITCHES---	742,805	63,649	13	-----	27,643	5,222	60,291	274,704	311,243
2920 COKE, PETROLEUM COKE-----	265,521	1	27,449	-----	238,071	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	69,464	-----	373	68,686	405	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS---	8	136	117	-----	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD., NEC---	49,679	12,377	2,222	78	58	24,146	10,601	-----	-----
3011 RUBBER AND MISC PLASTIC PROD---	19,048	4,724	8,106	23	157	571	4,237	1,230	-----
3111 LEATHER AND LEATHER PRODUCTS---	2,510	2,243	180	-----	-----	31	40	16	-----
3211 GLASS AND GLASS PRODUCTS-----	16,125	2,495	12,677	-----	555	-----	378	20	-----
3241 BUILDING CEMENT-----	253,632	-----	1,225	-----	80	-----	-----	248,527	3,800
3251 STRUCTURAL CLAY PRODUCTS-----	7,886	5,083	2,482	28	293	-----	-----	-----	-----
3271 LIME-----	2	2	2	-----	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS---	3,450	973	4	-----	-----	482	1,991	-----	-----
3291 MISC NONMETALLIC MINERAL PROD---	26,083	2,883	15,802	-----	124	5	6,944	325	-----
3314 IRON AND STEEL PRIMARY FORMS---	1,297	505	791	-----	-----	-----	-----	1	-----
3315 IRON, STEEL SHAPES, EXC SHEET---	531,902	418,550	1,434	111,607	13	256	-----	42	-----
3316 IRON AND STEEL PLATES, SHEETS---	36,448	6,191	21,242	8,875	90	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE---	114,600	100,181	872	11,096	2,162	112	-----	-----	-----
3318 FERROALLOYS-----	6,642	52,688	-----	-----	9	-----	-----	21	-----
3319 IRON AND STEEL PRODUCTS, NEC---	26,519	6,645	4,988	-----	246	1,549	13,074	15	-----
3320 NONFERROUS METALS, NEC-----	14,563	9,967	3,632	697	239	1	-----	27	-----
3322 COPPER ALLOYS, UNWORKED-----	8,302	7,289	760	142	21	13	-----	57	-----
3323 LEAD AND ZINC, UNWORKED-----	41,430	35,619	1,334	-----	4,477	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED---	10,398	5,198	684	4,514	2	-----	-----	-----	-----
3411 FARRIATED METAL PRODUCTS-----	51,169	33,256	10,499	420	3,079	1,692	1,524	199	300
3511 MACHINERY, EXCEPT ELECTRICAL---	95,208	46,461	28,749	5,626	9,123	1,456	1,117	2,707	49
3611 ELECTRICAL MACH AND EQUIP-----	26,939	13,336	11,429	3	264	263	1,353	287	-----
3711 MOTOR VEHICLES, PARTS, EQUIP---	209,326	25,416	124,719	47,881	96,884	2,944	-----	1,482	-----
3721 AIRCRAFT AND PARTS-----	69	62	6	-----	-----	1	-----	-----	-----
3731 SHIPS AND BOATS-----	13,783	1,081	121	-----	54	-----	-----	12,522	-----
3791 MISC TRANSPORTATION EQUIPMENT---	5,916	3,628	1,164	-----	980	-----	-----	144	-----
3811 INST, TIME, PHOTO, OPT GOODS---	1,830	1,830	1,830	-----	58	-----	-----	-----	-----
3911 MISCELLANEOUS MANUFACTURED PRODUCTS---	10,125	1,887	-----	2	-----	554	44	81	-----
4011 IRON AND STEEL SCRAP-----	426,236	-----	349,170	77,062	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	37,813	29,134	7,581	881	-----	-----	-----	217	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	8,358	512	7,798	-----	48	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	12,115	4	12,111	-----	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	6,898	-----	-----	-----	-----	1,783	2,274	2,841	-----
4112 COMMODITIES, NEC-----	139,244	2,318	1,114	1,443	11	30,935	11,047	82,073	10,343
9999 DEPARTMENT OF DEFENSE AND SCI---	12,868	-----	5,909	-----	6,959	-----	-----	-----	-----
TODAY'S, OCEANGUINE, 6,504,559,045.									

TON-MILES, OCEANGOING, 6,505,559,055.

INTERNAL

(SHORT TONG)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	19,051,663	2,253,463	841,362	1,439,128	2,356,242	8,639,355	1,760,099	353,519	708,475
0911 FRESH FISH, EXCEPT SMELFISH-----	24			24					
0912 SMELFISH, EXCEPT PREPARED-----	10,439	414	1,343	7,576		150	934		
1091 NONFERROUS ORES, CONCENT, NEC-----	10,632								10,632
1121 COAL AND LIGNITE-----	1,130,020	1,130,020							
1311 CRUDE PETROLEUM-----	6,114,830			120,970		5,993,141	20,719		
1442 SAND, GRAVEL, CRUSHED ROCK-----	65,226	64,226							
2099 MISCELLANEOUS FOOD PRODUCTS-----	17,655	17,655							
2211 BASIC TEXTILE PRODUCTS-----	4,729	3,580						1,149	
2491 WOOD MANUFACTURES, NEC-----	5	5							
2611 PULP-----	94,994	94,994							

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER, TRENTON, N. J. TO THE SEA
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2631 PAPER AND PAPERBOARD-----	2,633	1,557	-----	-----	-----	-----	-----	1,076	-----
2610 SODIUM HYDROXIDE-----	1,157	-----	-----	-----	-----	1,157	-----	-----	-----
2611 CRUDE TAR, OIL, GAS PRODUCTS--	2,068	-----	2,068	-----	-----	-----	-----	-----	-----
2617 BENZENE AND TOLUENE-----	77,355	5,520	2,068	3,399	18,976	27,544	15,885	-----	8,963
2616 SULPHURIC ACID-----	223,700	5,475	-----	69,370	125,592	5,400	-----	19,463	-----
2619 BASIC CHEMICALS AND PROD, NEC--	144,152	47,006	-----	6,554	71,902	17,223	1,467	-----	-----
2622 SYNTHETIC RUBBER-----	5,682	5,682	-----	-----	-----	-----	-----	-----	-----
2651 PAINTS-----	1	-----	-----	-----	-----	-----	-----	-----	-----
2671 NITROGENOUS CHEM FERTILIZERS--	25,627	6,500	19,127	-----	-----	-----	-----	-----	-----
2911 GASOLINE-----	1,286,884	11,079	-----	487,136	189,675	334,771	27,407	49,537	186,277
2912 JET FUEL-----	410,375	2,487	5,662	4,977	228,002	136,755	-----	-----	32,402
2913 KEROSENE-----	71,848	7,007	15,446	2,745	9,120	18,637	4,204	-----	14,599
2914 DISTILLATE FUEL OIL-----	2,642,293	162,567	105,321	542,012	559,619	452,358	440,328	79,014	151,078
2915 RESIDUAL FUEL OIL-----	5,919,653	575,630	689,417	685,653	1,142,016	1,317,525	1,149,646	157,115	202,811
2916 LUBRICATING OILS AND GREASES--	51,518	11	18	8,260	19,130	10,571	13,528	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS--	99,750	10,778	-----	-----	-----	20,094	59,874	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	276,205	29,635	-----	-----	27,441	96,152	-----	22,090	89,987
2920 COKE, PETROLEUM COKE-----	19,102	-----	-----	-----	17,588	-----	-----	1,514	-----
2991 PETROLEUM AND COAL PROD, NEC--	34,122	11,416	-----	-----	750	20,232	1,724	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1	-----	-----	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET--	66,848	-----	-----	-----	45,222	-----	-----	21,626	-----
3316 IRON AND STEEL PLATES, SHEETS--	240	-----	240	-----	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE--	719	-----	-----	-----	760	1	18	-----	-----
3411 FABRICATED METAL PRODUCTS-----	728	350	-----	-----	270	-----	-----	35	72
3511 MACHINERY, EXCEPT ELECTRICAL--	2,069	611	500	-----	330	-----	564	-----	59
3611 ELECTRICAL MACH AND EQUIP-----	1,251	-----	-----	-----	850	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,505	-----	-----	-----	-----	-----	-----	-----	1,505
4111 WATER-----	28,764	875	132	-----	635	4,014	23,044	-----	-----
4112 COMMODITIES, NEC-----	157,679	58,403	-----	-----	98,474	222	576	-----	-----

TON-MILES, INTERNAL, 697,780,831.

TONS, ALL TRAFFIC, 96,283,826.

TON-MILES, ALL TRAFFIC, 7,203,339,886.

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.

SECTION INCLUDED: ALLEGHENY AVE., PHILADELPHIA, PA., TO TRENTON, N. J. 30.5 MILES AND AN AUXILIARY CHANNEL EAST OF BURLINGTON ISLAND EXTENDING FROM THE MAIN CHANNEL TO THE UPPER END OF UNITED STATES PIPE & FOUNDRY CO. AT EAST BURLINGTON, 1.4 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL TO U.S. STEEL CO. 1 IN DECEMBER 1982, 40.0 FEET, 23.5 MILES TO THE UPPER END OF NEWBOLD ISLAND IN MAY 1982, 16.0 FEET, 6.5 MILES IN JUNE 1982, 13.0 FEET TO TRENTON MARINE TERMINAL, 5.2 MILES AND IN JUNE 1982, 11.1 FEET TO THE PENNSYLVANIA RAILROAD BRIDGE AT TRENTON 1.3 MILES. AUXILIARY CHANNEL BURLINGTON ISLAND IN OCTOBER 1982, 8.0 FEET. PROJECT DEPTH: 60 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	21,478,533	11	1978-----	12,158,803	4
1974-----	22,260,913	15	1979-----	12,388,191	-----
1975-----	18,220,823	5	1980-----	10,364,210	-----
1976-----	15,626,657	1	1981-----	11,438,016	14
1977-----	13,564,671	1	1982-----	7,911,578	-----

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
TOTAL-----	7,911,578	2,718,134	210,362	1,250,605	128,542	2,394,077	1,114,944	94,914
0101 COTTON, RAW-----	84	-----	84	-----	-----	-----	-----	-----
0103 CORN-----	119	-----	119	-----	-----	-----	-----	-----
0105 RICE-----	44	-----	44	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	9	-----	9	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	4,869	4,861	28	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	1,423	1,400	23	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	8,411	8,411	-----	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	2,960	2,960	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	198	198	-----	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	44,779	44,324	299	154	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	4,634	4,622	12	-----	-----	-----	-----	-----
0151 LIVE ANIMALS-----	2	-----	2	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	2,772	1,108	1,664	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	1,492	2	-----	34	1,954	-----	-----	-----
0241 CRUDE RUBBER AND ALLIED GUMS-----	461	436	25	-----	-----	-----	-----	-----
0241 FOREST PRODUCTS, NEC-----	1,464	1,299	165	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,927	1,889	38	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	314	314	-----	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	1,528,232	1,525,603	549	-----	-----	-----	-----	-----
1091 ALUMINUM ORES, CONCENTRATES-----	572	436	136	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	4,002	5,974	28	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	1,131,432	-----	1,412	-----	-----	1,130,020	-----	-----
1311 CRUDE PETROLEUM-----	243,434	243,434	-----	-----	-----	-----	-----	-----
1411 LIMESTONE-----	250,238	250,117	121	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1982

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,500	36	1,342	-----	122	-----	-----	-----
1451 CLAY-----	1,815	1,385	430	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	1	-----	1	-----	-----	-----	-----	-----
1491 SALT-----	95	-----	95	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	101	-----	101	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	227	-----	227	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	6	6	-----	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	34,673	27,877	6,344	452	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	4,495	4,110	63	322	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	16,945	-----	16,945	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	467	231	236	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	1,315	343	-----	972	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	1,241	-----	1,241	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	2,214	2,214	-----	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	2,828	2,338	213	277	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	73,896	73,700	100	96	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	960	13	947	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,391	130	1,239	22	-----	-----	-----	-----
2061 SUGAR-----	10	-----	10	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	46,865	35,427	279	11,159	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	1,366	1,259	107	-----	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	159	159	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	108,823	69,612	686	12,102	26,343	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	814	204	581	29	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	5,162	2,995	2,071	116	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	1,135	1,135	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	4,593	3,635	127	22	764	-----	-----	-----
2411 LOGS-----	689	75	598	-----	16	-----	-----	-----
2421 LUMBER-----	7,313	6,326	926	61	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,819	1,102	717	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	1,176	754	374	48	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	2,550	1,740	248	439	123	-----	-----	-----
2611 PULP-----	11,071	11,023	48	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	7,172	5,482	1,686	4	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	9,729	695	659	301	8,074	-----	-----	-----
2711 PRINTED MATTER-----	1,984	992	604	261	123	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	16	-----	16	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	104	-----	104	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	68	-----	68	-----	-----	-----	-----	-----
2818 SULPHURIC ACID-----	2,300	-----	-----	-----	-----	2,300	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	223,381	17,502	23,927	21,233	31,431	46,006	72,262	10,620
2821 PLASTIC MATERIALS-----	18,184	2,068	16,116	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	2,622	-----	2,622	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	485	271	214	-----	-----	-----	-----	-----
2831 DRUGS-----	873	75	796	-----	-----	-----	-----	-----
2841 SOAP-----	3,462	332	3,130	-----	-----	-----	-----	-----
2851 PAINTS-----	3,247	2,840	407	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	7	-----	7	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	2,965	695	-----	-----	-----	2,270	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	22	-----	22	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	478	272	206	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	257	20	237	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	10,026	3,629	6,397	-----	-----	-----	-----	-----
2911 GASOLINE-----	284,636	9,947	1,203	121,804	3,027	135,331	13,324	-----
2912 JET FUEL-----	137,201	-----	-----	-----	-----	137,201	-----	-----
2913 KEROSENE-----	47,221	-----	19	19,946	-----	7,007	11,635	6,574
2914 DISTILLATE FUEL OIL-----	773,490	-----	-----	249,255	20,463	348,275	153,616	1,481
2915 RESIDUAL FUEL OIL-----	2,207,022	101,441	701,335	1,167	555,352	773,448	74,239	-----
2916 LUBRICATING OILS AND GREASES-----	55,457	39,332	3,719	7,506	966	2,772	1,162	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	63,822	-----	63,822	-----	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	36,569	-----	20,322	-----	-----	-----	16,267	-----
2921 LIQUEFIED GASES-----	77	-----	77	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	58	-----	39	19	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	2,316	1,118	1,003	-----	195	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	8,200	2,276	2,880	181	2,863	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	1,474	1,363	68	20	23	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	4,952	515	4,059	-----	378	-----	-----	-----
3241 BUILDING CEMENT-----	1,011	-----	1,011	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	3,643	2,616	1,027	-----	-----	-----	-----	-----
3271 LIME-----	2	-----	2	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	2,233	954	1	183	1,095	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	9,516	2,082	1,904	5	5,521	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	93	93	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	103,297	56,997	822	256	-----	-----	45,222	-----
3316 IRON AND STEEL PLATES, SHEETS-----	13,981	874	13,107	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	20,792	20,338	342	112	-----	-----	-----	-----
3318 FERROALLOYS-----	1,586	1,438	148	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	14,302	701	3,270	910	4,421	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	645	528	136	1	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	3,651	3,472	169	13	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	27,536	26,231	1,305	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,799	1,345	454	-----	-----	-----	-----	-----
3411 FARRICATED METAL PRODUCTS-----	19,544	12,693	5,495	88	1,194	-----	70	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	20,414	20,260	7,553	1,076	615	70	140	-----
3611 ELECTRICAL MACH AND EQUIP-----	14,159	6,995	5,767	147	1,250	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	31,109	11,905	16,260	2,944	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	7	3	-----	1	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	63	32	31	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	704	81	623	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,093	815	1,274	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	9,699	8,932	501	442	24	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	1,277	-----	1,277	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	5,464	1,524	3,916	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	6,494	220	4,274	-----	-----	-----	-----	-----

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	INBOUND
4024 PAPER WASTE AND SCRAP-----	1,250	4	1,246	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	3,484	-----	-----	1,499	1,985	-----	-----	-----
4111 WATER-----	395	-----	-----	-----	-----	220	175	-----
4112 COMMODITIES, NEC-----	95,234	813	337	30,860	8,388	27,253	27,623	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	4,437	-----	4,437	-----	-----	-----	-----	-----
TOTAL TON-MILES, 126,800,238.								

DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA

SECTION INCLUDED: DEEPWATER IN DELAWARE RAY TO ALLEGHENY AVE., PHILADELPHIA, PA., 96.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: IN DECEMBER 1982, 33.5 FEET TO THE PHILADELPHIA NAVAL BASE, 88 MILES; THENCE IN OCTOBER 1982, 39.6 FEET IN MIDDLE HALF OF THE WEST SIDE OF THE CHANNEL AND IN OCTOBER 1982, 28.9 FEET IN MIDDLE HALF OF THE EAST SIDE OF THE CHANNEL THROUGH PHILADELPHIA HARBOR, 8.5 MILES. PROJECT DEPTH: 40 FEET DEEP FROM THE SEA TO PHILADELPHIA NAVAL BASE, THENCE 40 FEET DEEP ON THE WEST SIDE AND 37 FEET DEEP ON THE EAST SIDE OF THE CHANNEL TO ALLEGHENY AVE. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC		AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS	LOADED	
1973-----	109,430,360	6,013,115	28,613,657	5,532	5,685	1,750,980
1974-----	112,825,301	1,613,120	29,588,798	5,053	4,298	224,705
1975-----	106,899,657	1,578,524	23,945,330	4,063	3,987	163,003
1976-----	110,519,261	1,140,723	22,604,098	2,872	3,543	171,534
1977-----	111,434,533	1,175,918	20,593,313	1,529	2,513	181,508
1978-----	110,768,375	1,282,049	21,118,441	1,616	1,693	214,988
1979-----	119,035,156	1,443,570	21,069,044	783	938	203,936
1980-----	98,205,452	1,426,211	20,702,043	393	418	236,261
1981-----	92,019,548	1,458,789	19,586,943	398	625	254,182
1982-----	81,618,754	1,425,185	16,561,708	40	118	411,158

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	81,618,754	46,829,464	3,406,965	6,380,904	8,492,191	2,315,264	8,998,922	8,690,064
0101 COTTON, RAW-----	151	-----	151	-----	-----	-----	-----	-----
0102 BARLEY AND RYE-----	121	-----	121	-----	-----	-----	-----	-----
0103 CORN-----	567,667	-----	567,667	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	164	-----	164	-----	-----	-----	-----	-----
0107 WHEAT-----	22,477	-----	22,477	-----	-----	-----	-----	-----
0111 SOYBEANS-----	29,182	-----	29,182	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	69	34	35	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	11,804	11,792	102	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	20,401	20,389	12	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	3,446	3,354	90	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	3	3	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	823	823	-----	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	20,443	20,400	43	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,995	1,992	3	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	2,215	716	1,499	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	389	-----	-----	117	271	-----	-----	-----
0801 CRUDE RUBBER AND ALLIED GUMS-----	749	728	21	-----	-----	-----	-----	-----
0801 FOREST PRODUCTS, NEC-----	1,070	684	386	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	5,951	5,445	482	-----	-----	-----	24	-----
0912 SHELLFISH, EXCEPT PREPARED-----	11,452	967	46	-----	-----	1,777	7,576	1,086
1011 IRON ORE AND CONCENTRATES-----	2,307,710	2,307,227	483	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	25,283	25,265	18	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	51,840	8,538	43,302	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	2,075,518	-----	2,075,518	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	48,349,053	39,443,870	-----	2,232,695	57,658	-----	120,970	5,993,864
1411 LIMESTONE-----	236,616	194,120	42,496	-----	-----	-----	-----	-----
1422 SAND, GRAVEL, CRUSHED ROCK-----	64,688	1	457	-----	-----	68,226	-----	-----
1451 CLAY-----	47,111	46,819	292	-----	-----	-----	-----	-----
1491 SALT-----	40,435	40,344	91	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	172	-----	172	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	18,120	16,976	1,144	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	13	13	-----	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	274,836	272,209	2,627	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	4,639	4,511	128	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	4,375	-----	4,375	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	425	24	401	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	13,068	13,037	31	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	44,017	327	43,690	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	2,304	2,229	80	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	2,163	1,582	581	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	89,745	89,603	142	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	208	-----	208	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	33,673	319	33,354	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	420	556	264	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1982

DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2061 SUGAR	148,431	122,404	27	24,700	1,300			
2081 ALCOHOLIC BEVERAGES	13,570	11,667	1,923					
2091 VEGETABLE OILS, MARG, SHORT	1,524	1,506	18					
2092 ANIMAL OILS AND FATS, NEC	749	670	79					
2099 MISCELLANEOUS FOOD PRODUCTS	69,022	32,267	606	5,314	13,179	17,655		
2111 TOBACCO MANUFACTURES	3,343	253	3,060	30				
2211 BASIC TEXTILE PRODUCTS	12,546	2,547	6,419			3,580		
2212 TEXTILE FIBERS, NEC	332							
2311 APPAREL	765	671	72		22			
2411 LOGS	792	264	528					
2413 FULL WOOD, CHARCOAL, WASTES	101	101						
2414 TIMBER, POSTS, POLES, PILING	489	4	481					
2416 WOOD CHIPS, STAVES, MOLDINGS	22	22						
2421 LUMBER	62,117	79,788	2,329					
2431 VENEER, PLYWOOD, WORKED WOOD	91,470	91,468	2					
2491 WOOD MANUFACTURES, NEC	2,448	1,743	679	21		5		
2511 FURNITURE AND FIXTURES	1,090	921	169					
2611 PULP	96,074	981	99			94,994		
2631 PAPER AND PAPERBOARD	92,866	87,957	3,352			1,557		
2691 PULP AND PAPER PRODUCTS, NEC	5,739	282	547	1,296	3,614			
2711 PRINTED MATTER	1,964	686	1,127	137	14			
2810 SODIUM HYDROXIDE	151,638			140,476	10,005			1,157
2811 CRUDE TAR, OIL, GAS PRODUCTS	8,994		67	4,659	2,200	2,068		
2812 DYES, PIGMENT, TANNING MATS	296		296					
2913 ALCOHOLS	61,431		160	59,312	1,959			
2917 BENZENE AND TOLUENE	109,524			23,092	18,040	7,588	22,374	38,429
2918 SULPHURIC ACID	227,993			15,456	8,300	5,475	197,262	1,500
2919 BASIC CHEMICALS AND PROD, NEC	501,377	43,146	132,426	295,243	13,838	2,460	7,654	6,610
2921 PLASTIC MATERIALS	15,298	788	14,510					
2922 SYNTHETIC RUBBER	9,884		4,202			5,682		
2923 SYNTHETIC (MAN-MADE) FIBERS	4,904	4,285	619					
2931 DRUGS	912	603	309					
2941 SOAP	3,158	406	2,752					
2951 PAINTS	4,846	4,095	750					1
2961 GUM AND WOOD CHEMICALS	122	82	40					
2971 NITROGENOUS CHEM FERTILIZERS	26,027	62	978	1,630		23,357		
2973 PHOSPHATIC CHEM FERTILIZERS	46		46					
2976 INSECTICIDES, DISINFECTANTS	531		531					
2979 FERTILIZER AND MATERIALS, NEC	32	3	29					
2991 MISCELLANEOUS CHEMICAL PROD	42,287	15,596	14,541	12,140				
2911 GASOLINE	5,155,982	71,179	40,533	95,694	3,910,181	11,728	799,469	227,198
2912 JET FUEL	578,492			33,665	169,431	5,662	367,693	2,041
2913 KEROSENE	63,139				24,812	19,740	4,524	10,063
2914 DISTILLATE FUEL OIL	5,036,669	463,258	89,442	606,641	1,609,875	230,217	1,258,615	780,601
2915 RESIDUAL FUEL OIL	11,051,267	1,533,580	38,649	2,049,755	2,251,596	1,730,494	2,075,020	1,372,173
2916 LUBRICATING OILS AND GREASES	1,600,157	504,190	104,272	664,001	277,180	1,187	30,158	20,169
2917 NAPHTHA, PETROLEUM SOLVENTS	228,186			90,521	37,915	10,778		88,972
2918 ASPHALT, TAR, AND BITUMENS	282,403	63,649	13	5,222	60,291	29,635	27,441	96,152
2920 COKE, PETROLEUM COKE	8,449	1	7,127			1,321		
2921 LIQUEFIED GASES	296		296					
2951 ASPHALT BUILDING MATERIALS	78		78					
2991 PETROLEUM AND COAL PROD, NEC	81,149	11,256	1,219	24,146	10,406	11,416	750	21,956
3011 RUBBER AND MISC PLASTIC PROD	9,438	2,448	5,226	390	1,374			
3111 LEATHER AND LEATHER PRODUCTS	1,020	880	112	11	17			
3211 GLASS AND GLASS PRODUCTS	10,599	1,980	8,618					1
3241 BUILDING CEMENT	214		214					
3251 STRUCTURAL CLAY PRODUCTS	3,922	2,467	1,455					
3261 CUT STONE AND STONE PRODUCTS	1,217	19	3	299	896			
3291 MISC NONMETALLIC MINERAL PROD	16,118	801	13,894	1,423				
3314 IRON AND STEEL PRIMARY FORMS	1,203	412	791					
3315 IRON, STEEL SHAPES, EXC SHEET	362,165	361,553	612					
3316 IRON AND STEEL PLATES, SHEETS	13,742	5,317	8,185			240		
3317 IRON AND STEEL PIPE AND TUBE	81,100	79,851	530				700	19
3318 FERROALLOYS	51,194	50,700	494					
3319 IRON AND STEEL PRODUCTS, NEC	11,956	5,944	1,718	639	3,655			
3321 NONFERROUS METALS, NEC	12,935	9,439	3,496					
3322 COPPER ALLOYS, UNWORKED	4,431	3,817	614					
3323 LEAD AND ZINC, UNWORKED	9,417	9,388	29					
3324 ALUMINUM AND ALLOYS, UNWORKED	4,083	3,853	230					
3411 FABRICATED METAL PRODUCTS	26,248	20,563	5,204	1,808	326	350	200	1
3511 MACHINERY, EXCEPT ELECTRICAL	49,879	26,201	21,196	380	302	1,041	190	569
3611 ELECTRICAL MACH AND EQUIP	13,473	6,341	5,662	116	103		1,250	1
3711 MOTOR VEHICLES, PARTS, EQUIP	121,970	13,511	104,859					
3721 AIRCRAFT AND PARTS	62	59	3					
3731 SHIPS AND BOATS	1,139	1,049	90					
3791 MISC TRANSPORTATION EQUIPMENT	4,088	3,547	541					
3811 INSTR, TIME, PHOTO, OPT GOODS	1,671	1,015	656					
3911 MISC MANUFACTURED PRODUCTS	2,321	1,193	996	112	20			
4011 IRON AND STEEL SCRAP	347,899	6	347,893					
4012 NONFERROUS METAL SCRAP	31,271	27,606	3,665					
4022 TEXTILE WASTE, SCRAP, SHEEP	1,116	292	1,524					
4024 PAPER WASTE AND SCRAP	10,865		10,865					
4029 WASTE AND SCRAP, NEC	573			284	289			
4111 WATER	28,744					1,182	855	26,707
4112 COMMODITIES, NEC	107,879	1,505	777	75	2,699	31,170	70,875	778
9999 DEPARTMENT OF DEFENSE AND SCT	1,472		1,472					
TOTAL TON-MILES, 7,076,539,444.								

TOTAL TON-MILES: 7,076,539,448.

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER AT CAMDEN, N. J.
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)

SECTION INCLUDED: NEWTON CREEK, N. J., TO COOPER POINT, N. J., 4 MILES. CONTROLLING DEPTH: SEPTEMBER 1962, 22.9 FEET FROM NEWTON CREEK TO BENEKY ST. AND THENCE IN AUGUST 1962, 11.4 FEET TO COOPER POINT. PROJECT DEPTHS: 18 FEET, 30 FEET AND 37 FEET AT MEAN LOW WATER (37 FEET DEFERRED FOR RE-STUDY).

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	2,697,597	384	1978-----	2,622,375	147
1974-----	3,066,152	3,130	1979-----	2,867,040	
1975-----	2,590,531	172	1980-----	3,092,045	
1976-----	2,350,374	896	1981-----	3,392,803	
1977-----	2,538,451	309	1982-----	2,644,854	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,644,854	1,037,411	697,563	83,349	1,300	661,529	354,169	9,533
0103 CORN-----	10		10					
0119 GILSEEDS, NEC-----	2		2					
0121 TOBACCO, LEAF-----	2,021	2,021						
0129 FIELD CROPS, NEC-----	17,917	17,917						
0132 BANANAS AND PLANTAINS-----	3	3						
0133 COFFEE-----	212	212						
0134 COCOA BEANS-----	5,638	5,638						
0141 FRESH AND FROZEN VEGETABLES-----	1,485	1,485						
0161 ANIMALS AND PRODUCTS, NEC-----	7	7						
0861 FOREST PRODUCTS, NEC-----	9	3	6					
0911 FRESH FISH, EXCEPT SHELLFISH-----	299	299						
0912 SHELLFISH, EXCEPT PREPARED-----	42	42						
1011 IRON ORE AND CONCENTRATES-----	79,182	79,182						
1091 NONFERROUS ORES, CONCENT, NEC-----	36,423	4,850	31,573					
1121 COAL AND LIGNITE-----	185,717		185,717					
1311 CRUDE PETROLEUM-----	263,444	263,444						
1411 LIMESTONE-----	144,008	144,008						
1442 SAND, GRAVEL, CRUSHED ROCK-----	5		5					
1451 CLAY-----	26,325	26,274	51					
1499 NONMETALLIC MINERALS, NEC-----	5,517	5,516	1					
1911 ORDNANCE AND ACCESSORIES-----	5	5						
2011 MEAT, FRESH, CHILLED, FROZEN-----	15		15					
2012 MEAT AND PRODUCTS, NEC-----	2		2					
2014 TALLOW, ANIMAL FATS AND OILS-----	44		44					
2022 DRIED MILK AND CREAM-----	2		2					
2031 FISH AND SHELLFISH, PREPARED-----	633	633						
2034 VEGETABLES AND PREP, NEC-----	117	113	4					
2039 PREP FRUIT AND VEG JUICE, NEC-----	73,660	73,663	17					
2042 ANIMAL FEEDS-----	33,152		33,152					
2049 GRAIN MILL PRODUCTS, NEC-----	174	152	22					
2061 SUGAR-----	1,300				1,300			
2081 ALCOHOLIC BEVERAGES-----	163	163	20					
2092 ANIMAL OILS AND FATS, NEC-----	79		79					
2099 MISCELLANEOUS FOOD PRODUCTS-----	3,224	3,194	30					
2211 BASIC TEXTILE PRODUCTS-----	295	250	45					
2311 APPAREL-----	10	6	4					
2411 LOGS-----	53	20	33					
2413 FUEL WOOD, CHARCOAL, WASTES-----	68	68						
2416 WOOD CHIPS, STAVES, MOLDINGS-----	22	22						
2421 LUMBER-----	66,655	66,655						
2431 VENEER, PLYWOOD, WORKED WOOD-----	86,859	86,859						
2491 WOOD MANUFACTURES, NEC-----	285	257	28					
2511 FURNITURE AND FIXTURES-----	78	62	16					
2611 PULP-----	1,042	970	72					
2631 PAPER AND PAPERBOARD-----	631	184	447					
2691 PULP AND PAPER PRODUCTS, NEC-----	41		41					
2711 PRINTED MATTER-----	23		23					
2812 DYES, PIGMENT, TANNING MATS-----	40		40					
2819 BASIC CHEMICALS AND PROD, NEC-----	11,349		11,343				6	
2821 PLASTIC MATERIALS-----	255		255					
2822 SYNTHETIC RUBBER-----	2,445		5			2,440		
2831 DRUGS-----	12		12					
2841 SOAP-----	59		59					
2851 PAINTS-----	79	16	63					
2861 GUM AND WOOD CHEMICALS-----	66	62	4					
2874 INSECTICIDES, DISINFECTANTS-----	1		1					
2879 FERTILIZER AND MATERIALS, NEC-----	29		29					
2891 MISCELLANEOUS CHEMICAL PROD-----	600	135	465					
2911 GASOLINE-----	8,467		22			8,445		
2913 KEROSENE-----	3,772					3,772		
2914 DISTILLATE FUEL OIL-----	118,526					104,628	13,898	43
2915 RESIDUAL FUEL OIL-----	756,469			83,349		333,246	330,467	9,307
2916 LUBRICATING OILS AND GREASES-----	7,824		1,684			6,074	62	
2918 ASPHALT, TAR, AND PITCHES-----	5,516					5,516		
2920 COKE, PETROLEUM COKE-----	5,808		5,808					
2951 ASPHALT BUILDING MATERIALS-----	2		2					
2991 PETROLEUM AND COAL PROD, NEC-----	74		74					
3011 RUBBER AND MISC PLASTIC PROD-----	85	2	83					
3111 LEATHER AND LEATHER PRODUCTS-----	37		37					
3211 GLASS AND GLASS PRODUCTS-----	472	201	271					
3241 BUILDING CEMENT-----	6		6					
3251 STRUCTURAL CLAY PRODUCTS-----	224	157	67					
3291 MISC NONMETALLIC MINERAL PROD-----	27		27					
3314 IRON AND STEEL PRIMARY FORMS-----	173	173						

Waterborne Commerce of the United States, 1982

DELAWARE RIVER AT CAMDEN, N. J.
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
3315 IRON, STEEL SHAPES, EXC SHEET-----	138,346	138,301	45	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	9,457	4,180	5,277	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	49,864	49,866	178	-----	-----	-----	-----	-----
3318 FERRDIALLOYS-----	45,998	45,998	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,384	1,059	325	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	2,362	31	2,331	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1,010	971	39	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	3,099	3,087	12	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,361	1,359	2	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	3,277	2,724	553	-----	-----	-----	200	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	7,046	2,200	4,746	-----	-----	-----	100	-----
3611 ELECTRICAL MACH AND EQUIP-----	2,190	1,422	768	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	89,332	171	89,161	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	3	-----	3	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	950	941	9	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	611	295	316	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	47	-----	47	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	114	5	109	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	311,097	-----	311,097	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	16	-----	16	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	10,673	-----	10,673	-----	-----	-----	-----	-----
4111 WATER-----	6,874	-----	-----	-----	-----	5,756	935	103
4112 COMMODITIES, NEC-----	404	78	234	-----	-----	87	5	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	4	-----	4	-----	-----	-----	-----	-----

SCHUYLKILL RIVER, PA. (INCLUDED IN PHILADELPHIA HARBOR, PA.)

SECTION INCLUDED: DELAWARE RIVER TO UNIVERSITY AVENUE BRIDGE, PHILADELPHIA, 6.5 MILES, CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: AUGUST 1982, 29.1 FEET TO UPPER END OF BERTH #1, ARCO BALLAST WHARF, AUGUST 1982, 17.8 FEET TO PASSYUNK AVENUE BRIDGE, (MINIMUM DEPTH IN RIGHT OUTSIDE QUARTER 24.0 FEET), 4 MILES; THENCE IN MARCH 1982, 17.0 FEET TO GIBSON POINT, 1 MILE; AND THENCE IN MARCH 1982, 11.9 FEET TO UNIVERSITY AVENUE BRIDGE; 1.5 MILES, PROJECT DEPTH: 33 FEET TO PASSYUNK AVENUE BRIDGE; THENCE 26 FEET TO GIBSON POINT; AND THENCE 22 FEET TO UNIVERSITY AVENUE BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	18,201,700	1978-----	14,200,311
1974-----	18,986,597	1979-----	14,910,138
1975-----	13,159,974	1980-----	14,304,536
1976-----	13,781,512	1981-----	11,102,845
1977-----	12,673,041	1982-----	11,514,657

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	11,514,657	374,019	2,309,180	1,033,938	2,587,926	2,520,662	2,085,193	523,739
0103 CORN-----	1,818,902		1,818,902					
0111 SOYBEANS-----	479,821		479,821					
0129 FIELD CROPS, NEC-----	4		4					
0131 FRESH FRUITS-----	124	124						
0134 COCOA BEANS-----	945	945						
0141 FRESH AND FROZEN VEGETABLES-----	28	28						
0161 ANIMALS AND PRODUCTS, NEC-----	39	4	35					
0861 FOREST PRODUCTS, NEC-----	1		1					
1011 IRON ORE AND CONCENTRATES-----	113		113					
1091 NONFERROUS ORES, CONCENT, NEC-----	20	20						
1121 COAL AND LIGNITE-----	361		361					
1311 CRUDE PETROLEUM-----	375,502			261,675		113,827		
1442 SAND, GRAVEL, CRUSHED ROCK-----	19		19					
1499 NONMETALLIC MINERALS, NEC-----	193		193					
2014 TALLOW, ANIMAL FATS AND OILS-----	893		893					
2022 DRIED MILK AND CREAM-----	111		111					
2034 VEGETABLES AND PREP, NEC-----	108	86	22					
2039 PREP FRUIT AND VEG JUICE, NEC-----	800	735	65					
2049 GRAIN MILL PRODUCTS, NEC-----	13		13					
2081 ALCOHOLIC BEVERAGES-----	64	64						
2099 MISCELLANEOUS FOOD PRODUCTS-----	2		2					
2211 BASIC TEXTILE PRODUCTS-----	15	9	6					
2411 LOGS-----	1,675		1,675					
2511 FURNITURE AND FIXTURES-----	4		4					
2631 PAPER AND PAPERBOARD-----	273		273					
2691 PULP AND PAPER PRODUCTS, NEC-----	8		8					
2711 PRINTED MATTER-----	32	22	10					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,064						2,068	
2812 DYES, PIGMENT, TANNING MATS-----	1		1					
2817 BENZENE AND TOLUENE-----	51,798			17,850	17,674	3,399	12,871	
2818 SULPHURIC ACID-----	5,688						5,688	
2819 BASIC CHEMICALS AND PROD, NEC-----	142,087	2,509	3,303	9,745	61,765	8,944	43,897	11,882
2821 PLASTIC MATERIALS-----	1,211		1,211					
2822 SYNTHETIC RUBBER-----	75		75					

PHILADELPHIA, PA, DISTRICT

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SCHUYLKILL RIVER, PA. (INCLUDED IN PHILADELPHIA HARBOR, PA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	8	8						
2831 DRUGS-----	6		6					
2841 SOAP-----	175		175					
2851 PAINTS-----	8		8					
2861 GUM AND WOOD CHEMICALS-----	2		2					
2876 INSECTICIDES, DISINFECTANTS-----	12		12					
2891 MISCELLANEOUS CHEMICAL PROD-----	116		116					
2911 GASOLINE-----	2,246,710	107,757	23	182,441	1,204,005	589,714	194,717	4,547
2912 JET FUEL-----	172,361			76,346	79,180	4,977	11,858	
2913 KEROSENE-----	104,615			551	44,784	10,046	37,052	8,142
2914 DISTILLATE FUEL OIL-----	1,651,076	36,442		65,374	340,890	757,128	341,217	110,025
2915 RESIDUAL FUEL OIL-----	3,758,844	145,105		348,488	528,770	1,066,149	1,283,164	387,124
2916 LUBRICATING OILS AND GREASES-----	83,060	8,340	18	65,693	5,242	3,746	21	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	5,325			5,325				
2918 ASPHALT, TAR, AND PITCHES-----	454,134				301,922	1,940	150,632	
2921 LIQUEFIED GASES-----	69,091	68,646	405					
2991 PETROLEUM AND COAL PROD, NEC-----	94	42	52					
3011 RUBBER AND MISC PLASTIC PROD-----	156		156					
3211 GLASS AND GLASS PRODUCTS-----	555		555					
3241 BUILDING CEMENT-----	80		80					
3291 STRUCTURAL CLAY PRODUCTS-----	293		293					
3291 MISC NONMETALLIC MINERAL PROD-----	124		124					
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,599	1,586	13					
3316 IRON AND STEEL PLATES, SHEETS-----	90		90					
3317 IRON AND STEEL PIPE AND TUBE-----	710	637	73					
3318 FERROALLOYS-----	9		9					
3319 IRON AND STEEL PRODUCTS, NEC-----	246		246					
3321 NONFERROUS METALS, NEC-----	680	678	2					
3322 COPPER ALLOYS, UNWORKED-----	20		20					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2		2					
3411 FABRICATED METAL PRODUCTS-----	1,477	191	1,251			35		
3511 MACHINERY, EXCEPT ELECTRICAL-----	553		553					
3611 ELECTRICAL MACH AND EQUIP-----	193		193					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	359		359					
3791 MISC TRANSPORTATION EQUIPMENT-----	69		69					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	36		36					
3911 MISC MANUFACTURED PRODUCTS-----	5	1	4					
4011 IRON AND STEEL SCRAP-----	77,062		77,062					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	48		48					
4111 WATER-----	1,602					635	1,007	
4112 COMMODITIES, NEC-----	5		4				1	
TOTAL TON-MILES, 35,507,662.								

PHILADELPHIA HARBOR, PA. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.)

SECTION INCLUDED: DELAWARE RIVER FROM THE LOWER DOCK AT HOG ISLAND, BELOW THE MOUTH OF SCHUYLKILL RIVER, TO THE MOUTH OF POGUESSESS CREEK, THE UPPER LIMIT OF THE CITY, 23 MILES AND SCHUYLKILL RIVER FROM ITS MOUTH TO FAIRMOUNT DAM, 8.4 MILES. FOR CONTROLLING AND PROJECT DEPTH SEE TABLES OF INDIVIDUAL REFERENCED PROJECTS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	54,629,926	573,518	1978-----	50,822,894	407,604
1974-----	59,920,178	544,503	1979-----	54,865,960	532,773
1975-----	52,029,803	436,329	1980-----	47,882,836	496,313
1976-----	50,603,364	481,236	1981-----	41,583,752	507,584
1977-----	49,710,365	400,508	1982-----	31,936,235	507,614

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	31,936,235	12,249,159	5,482,226	2,157,442	2,947,072	5,683,935	2,281,471	1,134,930
0101 COTTON, RAW-----	235		235					
0102 BARLEY AND RYE-----	121		121					
0103 CORN-----	2,386,678		2,386,678					
0105 RICE-----	44		44					
0106 SORGHUM GRAINS-----	173		173					
0107 WHEAT-----	22,477		22,477					
0111 SOYBEANS-----	509,003		509,003					
0119 OILSEEDS, NEC-----	67	34	33					
0121 TOBACCO, LEAF-----	14,652	14,522	130					
0129 FIELD CROPS, NEC-----	1,444	1,405	39					
0131 FRESH FRUITS-----	11,981	11,891	90					
0132 BANANAS AND PLANTAINS-----	2,960	2,960						
0133 COFFEE-----	809	809						
0134 COCOA BEANS-----	60,729	60,231	342	156				
0141 FRESH AND FROZEN VEGETABLES-----	5,172	5,157	15					
0151 LIVE ANIMALS-----	2		2					

Waterborne Commerce of the United States, 1982

PHILADELPHIA HARBOR, PA. (INCLUDED IN DELAWARE RIVER BETWEEN
PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER,
PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0161 ANIMALS AND PRODUCTS, NEC-----	5,013	1,821	3,192					
0191 MISCELLANEOUS FARM PRODUCTS-----	391	3		117	271			
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,210	1,164	46					
0861 FOREST PRODUCTS, NEC-----	2,526	1,980	546					
0911 FRESH FISH, EXCEPT SHELLFISH-----	7,555	7,035	520					
0912 SHELLFISH, EXCEPT PREPARED-----	1,285	1,239	46					
1011 IRON ORE AND CONCENTRATES-----	2,229,190	2,228,045	1,145					
1051 ALUMINUM ORES, CONCENTRATES-----	766	612	154					
1091 NONFERROUS ORFS, CONCENT, NFC-----	18,132	6,375	11,757					
1121 COAL AND LIGNITE-----	1,891,574		1,891,574					
1311 CRUDE PETROLEUM-----	11,371,365	7,790,741		895,345		2,668,225	17,048	
1411 LIMESTONE-----	92,729	50,112	42,617					
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,744	37	1,707					
1451 CLAY-----	22,456	21,785	671					
1471 PHOSPHATE ROCK-----	1	1	1					
1491 SALT-----	186		186					
1492 SULPHUR, DRY-----	273		273					
1499 NONMETALLIC MINERALS, NEC-----	12,997	11,480	1,517					
1911 ORNAMENT AND ACCESSORIES-----	18	18						
2011 MEAT, FRESH, CHILLED, FROZEN-----	309,486	309,086	4,988	452				
2012 MEAT AND PRODUCTS, NEC-----	9,132	8,621	189	322				
2014 TALLOW, ANIMAL FATS AND OILS-----	22,169		22,169					
2015 ANIMAL BY-PRODUCTS, NEC-----	492	255	637					
2021 DAIRY PRODUCTS, NEC-----	14,383	13,380	31	972				
2022 DRIED MILK AND CREAM-----	45,367	327	45,040					
2031 FISH AND SHELLFISH, PREPARED-----	3,890	3,810	80					
2034 VEGETABLES AND PREP, NEC-----	4,982	3,893	812	277				
2039 PREP FRUIT AND VEG JUICE, NEC-----	90,781	90,395	290	96				
2041 WHEAT FLOUR AND SEMOLINA-----	208		208					
2042 ANIMAL FEEDS-----	1,481	332	1,149					
2049 GRAIN MILL PRODUCTS, NEC-----	2,050	534	1,494	22				
2061 SUGAR-----	147,141	122,404	37	24,700				
2081 ALCOHOLIC BEVERAGES-----	60,245	46,904	2,182	11,159				
2091 VEGETABLE OILS, MARG, SHORT-----	2,890	2,765	125					
2092 ANIMAL OILS AND FATS, NEC-----	829	829						
2099 MISCELLANEOUS FOOD PRODUCTS-----	136,516	98,650	1,218	5,818	17,179	17,655		
2111 TOBACCO MANUFACTURES-----	8,128	8,128	3,681					
2211 BASIC TEXTILE PRODUCTS-----	17,335	5,299	8,440	116		3,580		
2212 TEXTILE FINERS, NEC-----	1,467	1,467						
2311 APPAREL-----	4,517	4,300	195		22			
2411 LOGS-----	3,087	319	2,768					
2413 FUEL WOOD, CHARCOAL, WASTES-----	33	33						
2414 TIMBER, POSTS, POLES, PILING-----	489	8	481					
2421 LUMBER-----	15,557	12,241	3,255	61				
2431 VENEER, PLYWOOD, WORKED WOOD-----	6,349	5,630	719					
2491 WOOD MANUFACTURES, NEC-----	3,291	2,240	1,025	21		5		
2511 FURNITURE AND FIXTURES-----	3,423	2,580	404	439				
2611 PULP-----	11,109	11,034	75					
2631 PAPER AND PAPERBOARD-----	98,123	93,255	4,864	4				
2691 PULP AND PAPER PRODUCTS, NEC-----	7,060	977	1,173	1,296	3,614			
2711 PRINTED MATTER-----	3,555	1,676	1,709	156				
2810 SODIUM HYDROXIDE-----	22,948			17,072	5,876			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,151		83				2,068	
2812 DYES, PIGMENT, TANNING MATS-----	360		360					
2813 ALCOHOLS-----	34,275		228	32,088	1,959			
2817 BENZENE AND TOLUENE-----	51,798		17,850	17,478	3,399	12,871		
2818 SULPHURIC ACID-----	7,980				2,300	5,688		
2819 BASIC CHEMICALS AND PROD, NFC-----	376,387	39,701	52,010	47,061	90,282	8,666	68,416	70,251
2921 PLASTIC MATERIALS-----	30,332	2,856	31,476					
2922 SYNTHETIC RUBBER-----	10,136		6,898			3,242		
2923 SYNTHETIC (MAN-MADE) FIBERS-----	5,397	4,564	833					
2931 DRUGS-----	1,771	680	1,091					
2941 SOAP-----	6,392	403	5,989					
2951 PAINTS-----	8,018	6,919	1,098				1	
2961 GUM AND GUMM CHEMICALS-----	65	20	45					
2971 NITROGENOUS CHEM FERTILIZERS-----	8,235	757	978			6,500		
2973 PHOSPHATIC CHEM FERTILIZERS-----	70		70					
2976 INSECTICIDES, DISINFECTANTS-----	1,022	272	750					
2979 FERTILIZER AND MATERIALS, NEC-----	260	23	237					
2991 MISCELLANEOUS CHEMICAL PROD-----	38,986	18,370	16,783	3,833				
2911 GASOLINE-----	2,457,968	117,704	3,316	212,923	1,372,032	549,714	195,717	6,562
2912 JET FUEL-----	179,471			83,456	79,180	4,977	11,858	
2913 KEROSENE-----	104,634		19	551	48,784	10,086	37,052	8,142
2914 DISTILLATE FUEL OIL-----	1,969,174	100,802		123,984	366,962	802,141	375,754	199,531
2915 RESIDUAL FUEL OIL-----	5,017,286	240,633	38,649	484,738	614,914	1,533,032	1,265,094	835,336
2916 LUBRICATING OILS AND GREASES-----	131,411	13,217	13,048	85,546	5,598	6,218	6,281	1,903
2917 NAPHTHA, PETROLEUM SOLVENTS-----	69,147			69,147				
2918 ASPHALT, TAR, AND BITUMENS-----	461,489		13		308,864	1,980	150,632	
2920 COKE, PETROLEUM COKE-----	39,230	1	21,641				17,588	
2921 LIQUEFIED GASES-----	69,464	68,686	778					
2951 ASPHALT BUILDING MATERIALS-----	134		115	19				
2991 PETROLEUM AND COAL PROD, NEC-----	8,273	1,599	2,200			2,500	1,974	
3011 RUBBER AND MISC PLASTIC PROD-----	14,775	4,722	8,168	511	1,374			
3111 LEATHER AND LEATHER PRODUCTS-----	2,434	2,243	143	31	17			
3211 GLASS AND GLASS PRODUCTS-----	15,253	2,294	12,958					
3241 BUILDING CEMENT-----	1,285		1,285					
3251 STRUCTURAL CLAY PRODUCTS-----	7,616	4,926	2,690					
3271 LIME-----	2		2					
3281 CUT STONE AND STONE PRODUCTS-----	2,172	973	4	299	896			
3291 MISC NONMETALLIC MINERAL PROD-----	20,141	2,883	15,430	5	1,423			
3314 IRON AND STEEL PRIMARY FORMS-----	1,123	332	791					
3315 IRON, STEEL SHAPES, EXC SHEET-----	283,493	281,835	1,402	256				

PHILADELPHIA, PA, DISTRICT

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PHILADELPHIA HARBOR, PA, (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA, TO THE SEA AND SCHUYLKILL RIVER, PA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3316 IRON AND STEEL PLATES, SHEETS-----	18,116	2,011	14,105	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	52,037	51,140	767	112	-----	-----	6	12
3318 FERROALLOYS-----	6,790	6,140	650	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	14,931	5,586	4,909	781	3,855	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	11,910	10,614	1,296	1	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	7,092	6,318	761	13	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	33,854	32,532	1,322	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,523	3,839	684	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	42,861	30,711	11,899	193	527	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	70,593	40,259	24,209	1,213	302	35	556	13
3611 ELECTRICAL MACH AND EQUIP-----	23,635	11,914	10,680	137	103	-----	400	1
3711 MOTOR VEHICLES, PARTS, EQUIP-----	64,104	25,245	35,915	2,944	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	66	62	3	1	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	246	140	106	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,250	3,333	917	-----	-----	-----	-----	-----
3811 INSTR. TIME, PHOTO, OPT GOODS-----	3,727	1,830	1,897	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	11,228	10,121	970	117	20	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	115,141	6	115,135	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	36,715	29,134	7,581	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	8,342	512	7,830	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,442	4	1,438	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	2,029	-----	-----	244	1,745	-----	-----	-----
4111 WATER-----	26,862	-----	-----	-----	-----	1,204	12,524	13,124
4112 COMMODITIES, NEC-----	194,871	2,160	844	30,711	3,041	58,431	94,652	52
9999 DEPARTMENT OF DEFENSE AND SCT-----	5,905	-----	5,905	-----	-----	-----	-----	-----

TRENTON HARBOR, N. J., (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.)

SECTION INCLUDED: OIL TERMINALS AT DUCK ISLAND TO FERRY STREET, TRENTON, N. J., 3.4 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: DUCK ISLAND TO TRENTON MARINE TERMINAL, IN JUNE 1982, 13.0 FEET, AND THENCE TO PENNSYLVANIA R. R. BRIDGE AT TRENTON, IN JUNE 1982, 11.1 FEET. PROJECT DEPTH: DUCK ISLAND TO TRENTON MARINE TERMINAL 35 FEET AUTHORIZED BUT DEFERRED; THENCE OF PENNSYLVANIA R. R. BRIDGE, 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	1,401,832	11	1978-----	805,855	4
1974-----	1,190,989	15	1979-----	923,027	-----
1975-----	1,242,300	5	1980-----	1,011,340	-----
1976-----	987,627	1	1981-----	1,041,558	-----
1977-----	1,248,079	1	1982-----	1,176,400	-----

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL-----	1,176,400
1121 COAL AND LIGNITE-----	1,130,020
2914 DISTILLATE FUEL OIL-----	46,380

WILMINGTON HARBOR, DELAWARE

SECTION INCLUDED: WEST SHORE OF DELAWARE RIVER FROM AND INCLUDING PIGEON POINT, DEL., TO AND INCLUDING EDGEWOOD, DEL., 4.4 MILES; AND CHRISTINA RIVER FROM DELAWARE RIVER TO NEWPORT, DEL., 9.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: IN THE DELAWARE RIVER IN NOVEMBER 1982, 40.0 FEET. IN THE CHRISTINA RIVER IN NOVEMBER 1982, 24.5 FEET TO UPPER END OF MARINE TERMINAL WHARF; THENCE IN A GENT 1982, 32.3 FEET TO LODFELL CANAL, 1.2 MILES; THENCE IN DECEMBER 1979, 11.3 FEET TO MARKET STREET BRIDGE AT WILMINGTON, 2.1 MILES; THENCE JANUARY 1960, 13.2 FEET TO THE FORMER PULP WORKS, 1.2 MILES; THENCE JANUARY 1960, 5.8 FEET TO PENNSYLVANIA R.R. BRIDGE NO. 4, 0.3 MILES; AND THENCE 6.1 FEET TO NEWPORT, 4 MILES. PROJECT DEPTH: IN DELAWARE RIVER, 40 FEET, IN CHRISTINA RIVER, 35 FEET TO LODFELL CANAL, THENCE 21 FEET TO THE FORMER PULP WORKS; THENCE 10 FEET TO PENNSYLVANIA R.R. BRIDGE NO. 4, AND THENCE 7 FEET TO NEWPORT. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS		YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS	
		RECEIPTS	SHIPMENTS			RECEIPTS	SHIPMENTS
		EMPTY	LOADED			EMPTY	LOADED
1973==	4,001,816	3,214	2,500	1978==	3,310,324	1,109	893
1974==	3,888,848	3,000	2,011	1979==	3,252,629	480	463
1975==	3,226,559	2,509	1,403	1980==	3,535,993	211	252
1976==	2,653,250	1,775	1,492	1981==	3,130,122	223	334
1977==	2,917,770	873	1,547	1982==	2,515,288	17	90
			654				23

Waterborne Commerce of the United States, 1982

WILMINGTON HARBOR, DELAWARE--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	2,515,288	1,135,855	377,767	171,428	75,064	729,109	26,065
0121 TORACCO, LEAF-----	111	111					
0132 BANANAS AND PLANTAINS-----	123,144	123,144					
0134 COCOA BEANS-----	7,438	7,438					
0141 FRESH AND FROZEN VEGETABLES-----	265	265					
0161 ANIMALS AND PRODUCTS, NEC-----	11	11					
0912 SHELLFISH, EXCEPT PREPARED-----	205	205					
1091 NONFERROUS ORES, CONCENT, NEC-----	34,742	24,110					10,632
1121 COAL AND LIGNITE-----	68	68					
1311 CRUDE PETROLEUM-----	250,154	243,011				7,143	
1411 LIMESTONE-----	215,574	215,574					
1412 BUILDING STONE, UNWORKED-----	22		22				
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,489		4,489				
1451 CLAY-----	11,400	11,400					
1491 SALT-----	105,382	105,382					
1499 NONMETALLIC MINERALS, NEC-----	20	20					
2034 VEGETABLES AND PREP, NEC-----	37	37					
2039 PREP FRUIT AND VEG JUICE, NEC-----	28,825	28,825					
2092 ANIMAL OILS AND FATS, NEC-----	18	18					
2099 MISCELLANEOUS FOOD PRODUCTS-----	191	191					
2211 BASIC TEXTILE PRODUCTS-----	1,632	483				1,149	
2212 TEXTILE FIBERS, NEC-----	91	91					
2311 APPAREL-----	7	7					
2411 LOGS-----	1,559		1,559				
2421 LUMBER-----	70,583	69,777	806				
2431 VENEER, PLYWOOD, WORKED WOOD-----	10,652	10,652					
2511 FURNITURE AND FIXTURES-----	26	24	2				
2631 PAPER AND PAPERBOARD-----	267		267				
2691 PULP AND PAPER PRODUCTS, NEC-----	2	2					
2711 PRINTED MATTER-----	5		5				
2819 BASIC CHEMICALS AND PROD, NEC-----	13,680	13,601	79				
2821 PLASTIC MATERIALS-----	155	2	153				
2831 DRUGS-----	4		4				
2841 SOAP-----	18	18					
2851 PAINTS-----	4,258	4,258					
2871 NITROGENOUS CHEM FERTILIZERS-----	65,932	65,932					
2876 INSECTICIDES, DISINFECTANTS-----	886		886				
2891 MISCELLANEOUS CHEMICAL PROD-----	10,695	10,095	600				
2911 GASOLINE-----	105,437		1	10,324	45,703	49,409	
2912 JET FUEL-----	7,016			7,016			
2913 KEROSENE-----	2,151					2,151	
2914 DISTILLATE FUEL OIL-----	245,890					245,890	
2915 RESIDUAL FUEL OIL-----	573,504			141,546	29,353	398,010	4,575
2916 LUBRICATING OILS AND GREASES-----	22,013	10,916	9,072			2,017	8
2917 NAPHTHA, PETROLEUM SOLVENTS-----	10,778						10,778
2920 COKE, PETROLEUM COKE-----	239,505		238,071			1,514	
2991 PETROLEUM AND COAL PROD, NEC-----	42	36	6				
3011 RUBBER AND MISC PLASTIC PROD-----	24	23	1				
3251 STRUCTURAL CLAY PRODUCTS-----	28	28					
3315 IRON, STEEL SHAPES, EXC SHEET-----	131,647	110,021				21,626	
3316 IRON AND STEEL PLATES, SHEETS-----	8,875	8,875					
3317 IRON AND STEEL PIPE AND TUBE-----	12,548	10,459	2,089				
3321 NONFERROUS METALS, NEC-----	256	19	237				
3322 COPPER ALLOYS, UNWORKED-----	142	142					
3323 LEAD AND ZINC, UNWORKED-----	4,477		4,477				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,514	4,514					
3411 FARRICATED METAL PRODUCTS-----	2,329	229	1,828			200	72
3511 MACHINERY, EXCEPT ELECTRICAL-----	14,204	5,626	8,570				
3611 ELECTRICAL MACH AND EQUIP-----	77	3	74				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	144,406	47,881	96,525				
3731 SHIPS AND BOATS-----	12,581		59	12,522			
3791 MISC TRANSPORTATION EQUIPMENT-----	911		911				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	6	6					
3911 MISC MANUFACTURED PRODUCTS-----	1	1					
4012 NONFERROUS METAL SCRAP-----	881	881					
4112 COMMODITIES, NEC-----	1,450	1,443	7				
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,959		6,959				

PHILADELPHIA, PA, DISTRICT

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SUMMARY OF TRAFFIC - DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J., TO THE SEA, 1962

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TRENTON HARBOR, N. J.,-----	1,176,400	-----	-----	-----	-----	1,176,400	-----	-----
BORDENTOWN-FIELDSBORO, N. J.,-----	547,923	224,704	-----	11,673	-----	304,533	3,013	-----
BURLINGTON-FLORENCE-ROERLING, N. J.,-----	860	-----	-----	-----	-----	860	-----	-----
RIVERTON-DELANCO-BEVERLY, N. J.,-----	1,838,959	1,551,166	101	9,120	-----	232,685	45,222	665
PENN MANOR, PA., AND VICINITY-----	22,493	-----	-----	-----	-----	22,493	-----	-----
BRISTOL, PA., AND VICINITY-----	31,936,235	12,249,159	5,442,226	2,157,442	2,947,072	5,683,935	2,241,471	1,134,930
PHILADELPHIA HARBOR, PA.,-----	6,023,661	1,338,465	697,636	1,198,620	120,129	1,174,036	1,465,234	29,541
CAMDEN-GLOUCESTER, N. J.,-----	542,343	-----	-----	17,954	4,641	512,991	7,117	-----
CHESTER, PA.,-----	23,880,652	13,613,480	129,047	2,975,192	2,146,599	2,414,800	2,474,450	46,644
MARCUS HOOK, PA., AND VICINITY-----	18,756,325	9,118,022	179,993	1,765,131	3,101,171	2,083,691	2,264,426	242,891
PAULSBORO, N. J., AND VICINITY-----	366,565	-----	-----	230,743	-----	73,086	62,736	-----
THOMPSON POINT, N. J., AND VICINITY-----	2,515,288	1,135,855	377,767	171,424	75,064	129,109	26,065	-----
WILMINGTON HARBOR, DEL.,-----	266,506	754	-----	118,085	-----	139,939	7,724	-----
PENNSGROVE-CARNEY POINT, N. J.,-----	9,419,105	4,165,327	77,817	232,913	2,838,645	1,311,692	1,144,375	4,296
NEW CASTLE, DEL., AND VICINITY-----	1,641	-----	-----	100	-----	1,001	450	-----
ARTIFICIAL IS., N. J., AND VICINITY-----	23,988	-----	-----	-----	-----	13,525	546	9,917
LOWER DELAWARE BAY, N. J.,-----	14,127,467	7,660,540	7	47,474	40,163	182,874	6,196,005	-----
LOWER DELAWARE BAY, DEL.,-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL-----	111,846,411	51,057,472	6,944,594	8,935,875	11,313,564	16,061,744	16,020,234	1,512,924
NET VOLUME OF COMMERCE-----	97,883,444	51,057,472	6,944,594	8,935,875	11,313,564	-----	14,119,015	1,512,924

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.
AND MD. - CHESAPEAKE AND DELAWARE CANAL

SECTION INCLUDED: DELAWARE RIVER TO POOLIS ISLAND IN CHESAPEAKE BAY, 46 MILES. CONTROLLING DEPTH: IN DECEMBER 1962, 34.0 FEET IN MIDDLE HALF OF CHANNEL. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	8,959,530	23,048	1978-----	14,571,375	13,088
1974-----	12,503,704	22,435	1979-----	14,346,868	9,986
1975-----	10,790,328	17,950	1980-----	15,075,922	1,795
1976-----	11,257,613	17,585	1981-----	15,946,379	1,261
1977-----	10,813,406	17,148	1982-----	16,962,746	1,642

FREIGHT TRAFFIC, 1962

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL-----	16,962,746	3,402,136	4,274,587	2,203,853	2,470,163	2,287,091	2,324,916
0104 OATS-----	15	-----	-----	-----	15	-----	-----
0107 WHEAT-----	11,646	-----	11,646	-----	-----	-----	-----
0111 SOYBEANS-----	2,725	-----	-----	-----	2,725	-----	-----
0122 HAY AND FODDER-----	21	-----	-----	-----	21	-----	-----
0129 FIELD CROPS, NEC-----	21	-----	-----	-----	21	-----	-----
0131 FRESH FRUITS-----	33,249	2,700	30,549	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	52,988	29,305	22,383	1,300	-----	-----	-----
0133 COFFEE-----	19	-----	-----	-----	19	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	7,319	1,156	4,477	1,646	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	16,381	11,560	4,821	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	35,264	-----	35,264	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	15,682	-----	15,517	-----	-----	165	-----
0912 SHELLFISH, EXCEPT PREPARED-----	55	-----	-----	-----	55	-----	-----
0913 MENHADEN-----	4	-----	-----	-----	4	-----	-----
1011 IRON ORE AND CONCENTRATES-----	15,286	4,591	1,600	1,495	7,600	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	24,616	24,616	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	205	-----	-----	-----	205	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	19,962	3,650	5,660	20	-----	-----	10,632
1121 COAL AND LIGNITE-----	2,361,558	-----	28,166	1,189,589	13,743	1,130,020	-----
1311 CRUDE PETROLEUM-----	19,300	-----	-----	3,315	-----	-----	15,945
1411 LIMESTONE-----	89,187	-----	-----	87,788	1,399	-----	-----
1412 BUILDING STONE, UNWORKED-----	3,046	-----	-----	1,457	1,589	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	65,740	-----	-----	1,514	-----	-----	64,226
1451 CLAY-----	1,442	-----	-----	1,420	22	-----	-----
1471 PHOSPHATE ROCK-----	11,800	11,800	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTER-----	239,411	5,075	234,336	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	34,192	19,421	14,771	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	119	-----	-----	-----	119	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	2,970	-----	-----	-----	2,970	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	34	-----	-----	34	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	1,722	-----	1,720	-----	2	-----	-----
2034 VEGETABLES AND PREP, NEC-----	2,777	-----	-----	-----	2,777	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	4,295	1,500	1,000	-----	1,795	-----	-----
2061 SUGAR-----	45,580	25,146	-----	20,394	-----	-----	-----
2062 MOLASSES-----	56,800	49,700	-----	-----	7,100	-----	-----
2081 ALCOHOLIC BEVERAGES-----	11,806	-----	-----	-----	11,806	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	7,427	-----	526	-----	6,901	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	3,489	-----	-----	3,449	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	23,537	2,436	2,440	-----	444	17,455	-----
2111 TOBACCO MANUFACTURES-----	1,490	91	1,299	-----	100	-----	-----

Waterborne Commerce of the United States, 1982

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.
AND MD. - CHESAPEAKE AND DELAWARE CANAL--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
2211 BASIC TEXTILE PRODUCTS-----	5,223	100	80	-----	314	4,729	-----
2212 TEXTILE FINERS, NEC-----	20	-----	-----	20	-----	-----	-----
2311 APPAREL-----	908	625	103	-----	100	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	2,702	2,702	-----	-----	-----	-----	-----
2415 PULPHOOD, LOG-----	3,000	-----	-----	3,000	-----	-----	-----
2421 LUMBER-----	104,315	32,318	71,997	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	136	-----	136	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	26,638	12,536	14,035	-----	62	5	-----
2511 FURNITURE AND FIXTURES-----	274	4	172	-----	98	-----	-----
2611 PULP-----	99,442	-----	4,448	-----	-----	94,994	-----
2621 STANDARD NEWSPRINT PAPER-----	4,448	-----	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	66,280	-----	6,210	-----	900	59,170	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	60,380	410	670	59,200	100	-----	-----
2711 PRINTED MATTER-----	273	73	-----	-----	200	-----	-----
2810 SODIUM HYDROXIDE-----	78,372	-----	50,871	-----	27,501	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	18,900	-----	-----	-----	18,900	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	12	-----	-----	-----	12	-----	-----
2813 ALCOHOLS-----	2,110	-----	-----	446	1,264	-----	-----
2817 BENZENE AND TOLUENE-----	32,049	-----	-----	-----	-----	3,640	28,389
2818 SULPHURIC ACID-----	243,637	-----	48,500	-----	4,000	32,524	158,613
2819 BASIC CHEMICALS AND PROD, NEC-----	173,443	-----	2,810	28,534	-----	3,109	139,186
2821 PLASTIC MATERIALS-----	23	-----	-----	-----	23	-----	-----
2822 SYNTHETIC RUBBER-----	5,682	-----	-----	-----	-----	5,682	-----
2831 DRUGS-----	41	-----	-----	-----	41	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	30,627	-----	-----	-----	5,000	25,627	-----
2872 POTASSIC CHEM FERTILIZERS-----	20,033	-----	20,033	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	21,600	-----	-----	14,100	3,500	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	64,224	214	13,971	15,100	34,939	-----	-----
2911 GASOLINE-----	588,088	1,918	-----	115,003	61,346	49,940	359,881
2912 JET FUEL-----	234,186	-----	-----	-----	20,040	59,044	155,102
2913 KEROSENE-----	14,796	-----	-----	-----	-----	-----	14,796
2914 DISTILLATE FUEL OIL-----	675,887	-----	24,321	198,853	-----	152,765	299,948
2915 RESIDUAL FUEL OIL-----	1,309,058	4,891	60,628	44,078	33,793	419,232	742,436
2916 LUBRICATING OILS AND GREASES-----	67,769	-----	-----	22,191	1,544	-----	43,994
2917 NAPHTHA, PETROLEUM SOLVENTS-----	24,036	-----	500	16,118	7,418	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	512,595	-----	7,373	20,124	362,779	1,980	120,339
2920 COKE, PETROLEUM COKE-----	49,843	18,110	5,185	-----	-----	2,714	23,834
2991 PETROLEUM AND COAL PROD, NEC-----	557,641	25,009	-----	-----	391,640	140,192	-----
3011 RUBBER AND MISC PLASTIC PROD-----	1,620	320	70	-----	1,230	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	530	60	320	-----	150	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	2,820	-----	2,800	-----	20	-----	-----
3241 BUILDING CEMENT-----	351,300	-----	3,300	3,400	344,200	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	5,000	-----	-----	-----	5,000	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	15,482	48	1,600	2,434	11,000	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	2,700	-----	-----	1,300	1,400	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	78,042	1,626	9,568	-----	-----	21,626	45,222
3316 IRON AND STEEL PLATES, SHEETS-----	3,040	-----	-----	-----	2,800	240	-----
3317 IRON AND STEEL PIPE AND TUBE-----	1,100	-----	-----	-----	-----	-----	1,100
3318 FERROALLOYS-----	3,646	-----	3,625	-----	21	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	185,816	64,313	71,262	14,004	36,237	-----	-----
3321 NONFERROUS METALS, NEC-----	5,837	-----	5,810	-----	27	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	6,807	1,212	-----	5,534	57	-----	-----
3411 FABRICATED METAL PRODUCTS-----	57,354	12,365	34,664	630	9,310	185	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	34,300	5,601	12,349	-----	13,123	3,207	-----
3611 ELECTRICAL MACH AND EQUIP-----	1,786	402	134	-----	-----	-----	1,250
3711 MOTOR VEHICLES, PARTS, EQUIP-----	203,049	73,645	127,922	-----	1,442	-----	-----
3731 SHIPS AND BOATS-----	5,950	1,200	-----	4,750	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,915	2,754	2,017	-----	144	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	538	100	438	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	156,618	71,780	55,859	2,130	26,449	-----	-----
4011 IRON AND STEEL SCRAP-----	12,400	-----	3,600	-----	8,800	-----	-----
4012 NONFERROUS METAL SCRAP-----	217	-----	-----	-----	217	-----	-----
4022 TEXTILE WASTE, SCRAP, SWFEP-----	2,094	-----	2,094	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	14,608	-----	13,103	-----	-----	-----	1,505
4029 WASTE AND SCRAP, NEC-----	9,241	41	-----	-----	9,200	-----	-----
4112 COMMODITIES, NEC-----	7,473,827	2,874,172	3,170,666	313,710	958,399	58,402	98,476
4119 EMPTY CONTAINERS-----	18	-----	-----	-----	18	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	200	-----	200	-----	-----	-----	-----
TOTAL TON-MILES, 779,096,446.							

PHILADELPHIA, PA, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON MILES	PASSENGERS
PROJECT				
ANSECON CREEK, N. J.	NO COMMERCE REPORTED			
ANSECON INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	14		
	0912 SHELLFISH, EXCEPT PREPARED	26,590		
	TOTAL	26,604	26,604	12,576
ALLOWAY CREEK, N. J.	NO COMMERCE REPORTED			
APPOQUIMINK RIVER, DEL.	NO COMMERCE REPORTED			
BARNEGAT INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	11,353		
	0912 SHELLFISH, EXCEPT PREPARED	7,069		
	TOTAL	18,422	18,422	105,596
BIG TIMBER CREEK, N. J.	2814 SULPHURIC ACID	73,633		
	2915 RESIDUAL FUEL OIL	14,734		
	2916 ASPHALT, TAR, AND BITUMENS	21,010		
	TOTAL	109,377	109,377	
BROADKILL RIVER, DEL.	NO COMMERCE REPORTED			
CARP MAY CANAL, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	5		
	2914 DISTILLATE FUEL OIL	3,771		
	TOTAL	3,776	11,324	753,445
CONANSEY RIVER, N. J.	0912 SHELLFISH, EXCEPT PREPARED	5		
	2914 DISTILLATE FUEL OIL	13,250		
	TOTAL	13,255	251,770	
COLD SPRING INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	5,961		
	0912 SHELLFISH, EXCEPT PREPARED	84,157		
	TOTAL	90,118	90,118	139,445
COOPER RIVER, N. J.	2914 DISTILLATE FUEL OIL	14,630	14,630	
HARBOR OF REFUGE, DELAWARE BAY, DEL.	2871 NITROGENOUS CHEM FERTILIZERS	20,757	20,757	662,374
INDIAN RIVER INLET AND BAY, DEL.				9,176
INLAND WATERWAY BETWEEN REMONOTH BAY AND DELAWARE BAY, DEL.	0911 FRESH FISH, EXCEPT SHELLFISH	12	12	40,604
LEIPSIK RIVER, DEL.	NO COMMERCE REPORTED			
LITTLE EGG HARBOR, N. J.	NO COMMERCE REPORTED			
LITTLE RIVER, DEL.	NO COMMERCE REPORTED			
MANASQUAN RIVER, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	810		
	0912 SHELLFISH, EXCEPT PREPARED	2,265		
	TOTAL	2,675	2,745	61,200
MANTUA CREEK, N. J.	2631 PAPER AND PAPERBOARD	57,613		
	2814 SULPHURIC ACID	15,200		
	2819 BASIC CHEMICALS AND PROD, NEC	39		
	2821 PLASTIC MATERIALS	1		
	2822 SYNTHETIC RUBBER	41		
	2891 MISCELLANEOUS CHEMICAL PROD	154		
	2914 DISTILLATE FUEL OIL	11,964		
	2915 RESIDUAL FUEL OIL	29,841		
	2916 LUBRICATING OILS AND GREASES	20,424		
	2918 ASPHALT, TAR, AND BITUMENS	27,683		
	3322 COPPER ALLOYS, UNWORKED	1		
	3511 MACHINERY, EXCEPT ELECTRICAL	59		
	3511 ELECTRICAL MACH AND EQUIP	1		
	3811 INSTR, TIME, PHOTO, OPT GOODS	2		
	4024 PAPER WASTE AND SCRAP	1,505		
	TOTAL	164,534	164,379	
MAURICE RIVER, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	3		
	0912 SHELLFISH, EXCEPT PREPARED	4,825		
	TOTAL	4,828	64,644	1,400
MISPELLION RIVER, DEL.				216
MURDERKILL RIVER, DEL.				59,152
NEW JERSEY INTRACASTAL WATERWAY	0911 FRESH FISH, EXCEPT SHELLFISH	15,315		
	0912 SHELLFISH, EXCEPT PREPARED	91,133		
	2914 DISTILLATE FUEL OIL	3,771		
	TOTAL	110,219	1,024,130	1,004,044
OLDMANS CREEK, N. J.	2915 RESIDUAL FUEL OIL	473	4,345	
PEPPER CREEK, DEL.	NO COMMERCE REPORTED			
SALEM RIVER, N. J.	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
SHYRNA RIVER, DEL.-----	0912 SHELLFISH, EXCEPT PREPARED-----	20	80	-----
ST. JONES RIVER, DEL.-----	NO COMMERCE REPORTED			
TOMS RIVER, N. J.-----	NO COMMERCE REPORTED			
TUCKERTON CREEK, N. J.-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,322	2,644	336
WATERWAY FROM INDIAN RIVER INLET TO REHOBOTH BAY, DEL.-----	NO COMMERCE REPORTED			

BALTIMORE, MD, DISTRICT

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BALTIMORE HARBOR AND CHANNELS, MD.

SECTION INCLUDED: MOUTH OF CHESAPEAKE BAY TO BALTIMORE, MD. CONTROLLING DEPTH: CAPE HENRY TO CRAIGHILL ENTRANCE 40.9 FEET. CRAIGHILL ENTRANCE TO PT. MCHENRY, 39.1 FEET; BRANCH CHANNEL RANGE FROM 15 TO 35.5 FEET; ANCHORAGES 1 AT 30.3 FEET, 2 AT 31 FEET AND 4 AT 40 FEET. PROJECT DEPTH: CAPE HENRY TO FORT MCHENRY, BALTIMORE, MD., 42 FEET; BRANCH CHANNELS RANGE FROM 15 TO 42 FEET; ANCHORAGES 30 FEET AND 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS	
			EMPTY	LOADED				EMPTY	LOADED
1973-----	53,786,715	182,579	87	320	1978-----	46,809,090	178,147	-----	-----
1974-----	59,891,048	176,944	100	100	1979-----	51,444,637	283,437	-----	-----
1975-----	52,661,488	156,882	-----	-----	1980-----	50,041,515	374,153	-----	-----
1976-----	52,437,192	169,946	-----	-----	1981-----	49,804,528	333,748	-----	-----
1977-----	44,756,350	163,134	-----	-----	1982-----	40,830,961	632,962	-----	-----

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	40,830,961	9,597,946	20,861,646	2,834,350	818,690	1,917,817	1,643,124	3,157,388
0101 COTTON, RAW-----	1,033	1	1,032	-----	-----	-----	-----	-----
0102 BARLEY AND RYE-----	49,666	-----	49,666	-----	-----	-----	-----	-----
0103 CORN-----	5,559,608	-----	5,550,503	-----	9,105	-----	-----	-----
0104 OATS-----	15	-----	-----	15	-----	-----	-----	-----
0105 RICE-----	198	156	42	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	246	-----	107	-----	139	-----	-----	-----
0107 WHEAT-----	519,620	-----	519,598	-----	22	-----	-----	-----
0111 SOYBEANS-----	476,635	-----	476,635	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	2,622	273	2,332	-----	17	-----	-----	-----
0121 TOBACCO, LEAF-----	68,578	36,152	32,123	252	51	-----	-----	-----
0122 HAY AND FODDER-----	41	-----	-----	21	20	-----	-----	-----
0129 FIELD CROPS, NEC-----	1,815	1,125	214	43	453	-----	-----	-----
0131 FRESH FRUITS-----	3,417	523	2,875	19	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	88,447	88,447	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	9,060	9,003	38	19	-----	-----	-----	-----
0134 COCOA BEANS-----	708	555	153	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	7,424	2,161	5,029	117	117	-----	-----	-----
0151 LIVE ANIMALS-----	20	-----	20	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	6,413	2,420	3,745	-----	248	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	540	393	147	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	55,476	54,387	1,075	-----	14	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	7,497	7,063	382	22	30	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	6,739	5,966	728	41	-----	4	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	910	369	337	78	124	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	3,889,921	3,889,854	67	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	134,710	128,971	5,739	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	27,443	27,238	205	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	144,206	136,365	7,830	11	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	14,379,065	-----	11,748,548	-----	77,008	716,111	414,515	1,422,883
1311 CRUDE PETROLEUM-----	484,172	465,459	-----	-----	-----	18,713	-----	-----
1411 LIMESTONE-----	525,453	519,386	6,067	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	1,531	-----	1,531	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	15,924	926	3,331	-----	791	-----	10,476	-----
1451 CLAY-----	159,427	144,693	14,710	22	2	-----	-----	-----
1471 PHOSPHATE ROCK-----	25,025	-----	25	25,000	-----	-----	-----	-----
1491 SALT-----	267,532	258,721	8,792	19	-----	-----	-----	-----
1492 SULPHUR, DRY-----	1,554	-----	1,554	-----	-----	-----	-----	-----
1493 SULPHUR, LIQUID-----	20,167	-----	-----	20,167	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	16	-----	-----	15	1	-----	-----	-----
1899 NONMETALLIC MINERALS, NEC-----	29,069	23,379	5,669	-----	21	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	2,819	1,535	924	356	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	28,007	148	23,529	16	4,114	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	25,686	13,566	3,961	18	8,141	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	1,708	-----	1,708	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	17,703	89	16,462	-----	1,152	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	5,481	2,752	2,222	-----	507	-----	-----	-----
2022 DRIED MILK AND CREAM-----	10,094	28	9,097	-----	969	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	21,765	13,758	463	7,544	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	100,736	80,875	16,694	3,001	16A	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	96,759	85,997	5,399	2,509	2,454	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	7,889	-----	6,069	42	1,77A	-----	-----	-----
2042 ANIMAL FEEDS-----	87,200	1,763	83,167	-----	2,270	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	44,483	3,326	39,503	52	1,602	-----	-----	-----
2061 SUGAR-----	553,807	379,105	290	170,422	1,990	-----	-----	-----
2062 MOLASSES-----	129,813	120,468	-----	9,324	21	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	146,551	124,426	7,305	13,394	1,026	-----	-----	-----
2091 VEGETABLE OILS, NARC, SHORT-----	14,649	4,136	3,274	4,748	2,491	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	270	270	-----	-----	-----	-----	-----	-----
2094 GROCERIES-----	149	-----	-----	-----	149	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	95,247	39,292	22,547	3,179	30,279	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	22,186	3,417	17,621	-----	1,148	-----	-----	-----
2111 BASIC TEXTILE PRODUCTS-----	38,898	15,462	19,455	720	570	1,592	1,095	-----
2212 TEXTILE FIBERS, NEC-----	2,202	2,110	24	-----	68	-----	-----	-----
2311 APPAREL-----	10,971	5,930	2,667	1,777	597	-----	-----	-----
2411 LOGS-----	109,064	247	108,817	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	3,610	3,356	254	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	7,782	-----	47	-----	115	5,220	2,400	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	159	-----	159	-----	-----	-----	-----	-----
2421 LUMBER-----	216,507	117,020	99,428	-----	59	-----	-----	-----

Waterborne Commerce of the United States, 1982

BALTIMORE HARBOR AND CHANNELS, MD.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2431 VENEER, PLYWOOD, WORKED WOOD-----	32,277	4,740	27,537					
2491 WOOD MANUFACTURES, NEC-----	16,699	5,495	12,745	54	405			
2511 FURNITURE AND FIXTURES-----	47,261	25,761	17,330	162	4,000			
2611 PULP-----	2,657	1,027	1,630					
2621 STANDARD NEWSPRINT PAPER-----	3,230			25	3,205			
2631 PAPER AND PAPERBOARD-----	61,520	13,931	43,117		4,472			
2691 PULP AND PAPER PRODUCTS, NEC-----	25,430	2,654	16,734	423	5,619			
2711 PRINTED MATTER-----	16,412	6,150	8,664	295	1,281			
2810 SODIUM HYDROXIDE-----	30,645			30,645				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	52,403	46	75		52,282			
2912 DYES, PIGMENT, TANNING MATS-----	982		970	12				
2913 ALCOHOL-----	1,646		104	1,285	251			
2914 RADIOACTIVE MATERIALS, WASTES-----	1,745	1,140	565					
2917 BENZENE AND TOLUENE-----	37,609			11,367	19	11,503	5,680	11,040
2918 SULPHURIC ACID-----	254,359			4,000	2,700	104,467	20,850	116,342
2919 BASIC CHEMICALS AND PROD, NEC-----	463,685	114,441	132,345	206,330	6,449	1,100	1,000	
2921 PLASTIC MATERIALS-----	143,422	10,760	127,312	29	5,321			
2922 SYNTHETIC RUBBER-----	12,553		11,368		1		1,104	
2923 SYNTHETIC (MAN-MADE) FIBERS-----	7,999	2,351	5,507		141			
2951 DRUGS-----	13,840	901	11,341	1,161	1,237			
2961 SOAP-----	28,293	2,010	14,586	346	11,351			
2951 PAINTS-----	48,748	37,748	9,893		1,107			
2961 GUM AND WOOD CHEMICALS-----	763	586	177					
2971 HYDROGENOUS CHEM FERTILIZERS-----	107,085	39,489	207	18,160	182	35,443	17,394	
2972 POTASSIC CHEM FERTILIZERS-----	4,489						4,489	
2973 PHOSPHATIC CHEM FERTILIZERS-----	145,566	145,220	350					
2976 INSECTICIDES, DISINFECTANTS-----	5,525	342	4,204	919	60			
2979 FERTILIZER AND MATERIALS, NEC-----	16,881	1,780	5,711		371	9,011		
2991 MISCELLANEOUS CHEMICAL PROD-----	62,362	13,109	40,175	627	451			
2911 GASOLINE-----	418,371		5,575	91,600		131,645	103,360	6,182
2912 JET FUEL-----	22,841			20,040		2,801		
2913 KEROSENE-----	11,061		19			3,507	6,020	3,027
2914 DISTILLATE FUEL OIL-----	1,128,206	44,805	348	305,169	210,743	203,675	195,030	168,036
2915 RESIDUAL FUEL OIL-----	3,913,993	780,492	20,764	1,032,225	90,802	460,203	300,192	1,228,407
2916 LUBRICATING OILS AND GREASES-----	68,193	28,234	22,318	2,217	7,262	21,627		6,503
2917 ASPHALT, TAR, AND BITUMENS-----	33,611	33,611		22,686	9,500		1,681	
2918 ASPHALT, TAR, AND BITUMENS-----	40,337	19,590	7,249	268,907		3,568	3,568	87,781
2920 COKE, PETROLEUM COKE-----	49,605	34	45,559		60		4,032	
2921 LIQUEFIED GASES-----	1,334		1,210		124			
2951 ASPHALT BUILDING MATERIALS-----	3,912		2,416	13	1,483			
2991 PETROLEUM AND COAL PROD, NEC-----	128,839	1,032	7,844	117,601	612	450	300	1,000
3011 RUBBER AND MISC PLASTIC PROD-----	80,708	4,879	20,431	1,703	2,495			
3111 LEATHER AND LEATHER PRODUCTS-----	17,836	13,301	3,772	759	4			
3211 GLASS AND GLASS PRODUCTS-----	74,806	20,670	52,784	103	1,241			
3241 BUILDING CEMENT-----	469,449	44	1,483	250,887	65,366		42,890	80,849
3251 STRUCTURAL CLAY PRODUCTS-----	78,077	36,155	35,830		6,092			
3271 LIME-----	3,382		1,392		25			
3281 CEMENT AND STONE PRODUCTS-----	16,831	15,384	1,445		25			
3291 MISC NONMETALLIC MINERAL PROD-----	58,094	19,910	37,381	350	653			
3312 SLAG-----	67,100				58		47,042	
3314 IRON AND STEEL PRIMARY FORMS-----	19,030	17,717	1,096	1	216			
3315 IRON, STEEL SHAPES, EXC SHEET-----	160,315	126,155	9,898	224	5,604		18,434	
3316 IRON AND STEEL PLATES, SHEETS-----	152,278	24,307	122,347		3,566		2,058	
3317 IRON AND STEEL PIPE AND TUBE-----	67,978	20,466	20,372	198	10,482			
3318 FERROALLOYS-----	97,995	86,267	6,107	21	208	5,392		
3319 IRON AND STEEL PRODUCTS, NEC-----	45,267	15,263	29,130	15	859			
3321 NONFERROUS METALS, NEC-----	49,033	36,196	6,740	54	6,043			
3322 COPPER ALLOYS, UNWORKED-----	59,836	52,608	7,134	57	37			
3323 LEAD AND ZINC, UNWORKED-----	10,655	8,722	1,923					
3324 ALUMINUM ALLOYS, UNWORKED-----	36,111	34,022	14,722		1,120			
3411 FABRICATED METAL PRODUCTS-----	248,194	117,618	117,644	1,227	6,999		3,501	9
3511 MACHINERY, EXCEPT ELECTRICAL-----	536,886	228,004	301,244	2,997	1,749		2,997	
3611 ELECTRICAL MACH AND EQUIP-----	201,247	26,233	155,664	4,576	10,770		2,892	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	508,364	374,107	130,356	2,370	1,531			
3721 AIRCRAFT AND PARTS-----	1,183	219	964					
3731 SHIPS AND BOATS-----	11,180	1,796	9,324		60			
3791 MISC TRANSPORTATION EQUIPMENT-----	14,253	2,654	11,329	144	126			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	14,517	6,335	8,152	18	12			
3911 MISC MANUFACTURED PRODUCTS-----	35,309	24,435	8,601	1,293	692			
4011 IRON AND STEEL SCRAP-----	54,006	26	53,491	418	71			
4012 NONFERROUS METAL SCRAP-----	121,641	90,364	30,781	473				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	17,853	9	17,844		344			
4024 PAPER WASTE AND SCRAP-----	26,893	1	26,891	1				
4029 WASTE AND SCRAP, NEC-----	2,866			2,866				
4111 WATER-----	27,843				158		2,797	24,888
4112 COMMODITIES, NEC-----	740,626	11,775	9,512	138,647	104,552	181,505	294,394	241
9999 DEPARTMENT OF DEFENSE AND SCI-----	32,775		32,775					
TOTAL TON-MILES, 321,055,872.								

BALTIMORE, MD, DISTRICT

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CHOPTANK RIVER, MD.

SECTION INCLUDED: FROM MOUTH TO GREENSBORO, MD. CONTROLLING DEPTH: 6 FEET TO DENTON AND 3.5 FEET TO GREENSBORO. PROJECT DEPTH: 8 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	367,421	502	1978-----	191,171	1,312
1974-----	366,656	2210	1979-----	359,429	11,842
1975-----	369,299	72	1980-----	247,226	13,810
1976-----	321,127	1,068	1981-----	282,453	5,308
1977-----	300,325	1,644	1982-----	241,096	4,640

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		THROUGH		INTERNAL		
		UPBOUND	DOWNBOUND	INBOUND	UPBOUND	DOWNBOUND
TOTAL-----	281,096	17,385	13	55,664	199,073	8,961
0911 FRESH FISH, EXCEPT SHELLFISH-----	35,512	17,378		88	18,046	
0912 SHELLFISH, EXCEPT PREPARED-----	23,054	2		13,345	9,707	
0913 MENHADEN-----	3			3		
0931 MARINE SHELLS, UNMANUFACTURED-----	48,767			39,806		8,961
1442 SAND, GRAVEL, CRUSHED ROCK-----	40,114				40,114	
2211 BASIC TEXTILE PRODUCTS-----	5	5				
2911 GASOLINE-----	16,202				14,202	
2913 KEROSENE-----	5,363				5,363	
2914 DISTILLATE FUEL OIL-----	22,151				22,151	
3291 WISC NONMETALLIC MINERAL PROD-----	2,422			2,422		
3312 SLAG-----	89,490				89,490	
3511 MACHINERY, EXCEPT ELECTRICAL-----	3		3			
3731 SHIPS AND BOATS-----	10		10			
TOTAL TON-MILES, 4,195,714.						

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.

SECTION INCLUDED: NANTICOKE RIVER FROM MOUTH TO SEAFORD, DEL.; NORTHWEST FORK FROM MOUTH TO FEDERALSBURG, MD. CONTROLLING DEPTH: NANTICOKE RIVER, 10.5 FEET TO HAWKS NEST SHOAL; 12.0 FEET IN SEAFORD, DEL.; NORTHWEST FORK, 3 FEET. PROJECT DEPTH: NANTICOKE RIVER, 12 FEET TO SEAFORD, DEL., NORTHWEST FORK, 6 FEET TO 0.5 MILE BELOW FEDERALSBURG, MD.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	795,165	1978-----	472,929
1974-----	789,748	1979-----	510,183
1975-----	597,919	1980-----	361,185
1976-----	777,022	1981-----	234,749
1977-----	501,014	1982-----	276,423

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH (UPBOUND)
TOTAL-----	276,423	209,092	47,301	30
0102 BARLEY AND RYE-----	33,841		33,841	
0107 WHEAT-----	16,276		16,276	
0111 SOYBEANS-----	5,555		5,555	
0911 FRESH FISH, EXCEPT SHELLFISH-----	37	37		
0912 SHELLFISH, EXCEPT PREPARED-----	9,275	9,205		70
0913 MENHADEN-----	3	3		
0931 MARINE SHELLS, UNMANUFACTURED-----	1,280		1,280	
2415 PULPHOOD, LOG-----	8,533		8,533	
2871 NITROGENOUS CHEM FERTILIZERS-----	29,139	29,139		
2872 POTASSIC CHEM FERTILIZERS-----	4,889	4,889		
2879 FERTILIZER AND MATERIALS, NEC-----	11,288	11,288		
2911 GASOLINE-----	15,651	13,635	1,816	
2913 KEROSENE-----	1,779	1,779		
2914 DISTILLATE FUEL OIL-----	17,698	17,698		
2915 RESIDUAL FUEL OIL-----	104,561	104,561		
2916 ASPHALT, TAR, AND PITCHES-----	17,218	17,218		
TOTAL TON-MILES, 8,771,238.				

Waterborne Commerce of the United States, 1982

WICOMICO RIVER, MD., (EASTERN SHORE)

SECTION INCLUDED: FROM MOUTH TO SALISBURY, MD. CONTROLLING DEPTH: 12.5 FEET IN MAIN RIVER; BRANCH CHANNELS RANGE FROM 2 TO 10 FEET; 4.5 FEET TO AND IN BOAT BASIN AT WEBSTER COVE. PROJECT DEPTH: 14 FEET TO MAIN STREET BRIDGE AND IN PRONGS AT SALISBURY; 6 FEET TO AND IN SMALL BOAT BASIN AT WEBSTER COVE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	843,884	1978-----	947,885
1974-----	770,584	1979-----	878,249
1975-----	808,711	1980-----	903,074
1976-----	827,076	1981-----	678,251
1977-----	837,137	1982-----	709,105

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH DOWNBOUND
TOTAL-----	709,105	706,700	2,375	30
0103 CORN-----	31,401	31,401	-----	-----
0111 SOYBEANS-----	6,999	6,999	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	4	4	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	1,285	1,255	-----	30
0931 MARINE SHELLS, UNMANUFACTURED-----	2,208	-----	2,208	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	50,130	50,130	-----	-----
2011 GASOLINE-----	395,269	395,269	-----	-----
2013 KEROSENE-----	16,466	16,466	-----	-----
2014 DISTILLATE FUEL OIL-----	126,715	126,715	-----	-----
2015 RESIDUAL FUEL OIL-----	32,943	32,776	167	-----
3312 SLAG-----	45,685	45,685	-----	-----
TOTAL TON-MILES, 17,276,281.				

WASHINGTON HARBOR, D. C.

SECTION INCLUDED: ANACOSTIA RIVER, WASHINGTON CHANNEL AND VIRGINIA CHANNEL. CONTROLLING DEPTH: 13 FEET AT HAINES POINT, ANACOSTIA RIVER, 17.5 FEET FROM MOUTH TO 11TH STREET, BALANCE OF RIVER RANGES FROM 6 TO 16 FEET; WASHINGTON CHANNEL, 13 FEET FROM HAINES POINT TO 7TH STREET, 17 FEET TO 12TH STREET; VIRGINIA, 11.4 FEET FROM GIESBROD POINT TO KEY BRIDGE. PROJECT DEPTH: 24 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	2,138,859	461,120	1978-----	1,371,884	-----
1974-----	1,412,631	298,638	1979-----	1,086,989	-----
1975-----	1,405,513	278,937	1980-----	857,951	100,317
1976-----	1,538,121	319,689	1981-----	722,656	351,938
1977-----	1,537,085	398,207	1982-----	628,558	332,268

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL-----	628,558
2011 GASOLINE-----	1,829
2012 JET FUEL-----	128,121
2014 DISTILLATE FUEL OIL-----	306,038
2015 RESIDUAL FUEL OIL-----	192,579

ANACOSTIA RIVER, D.C. (INCLUDED IN WASHINGTON HARBOR, D.C.)

SECTION INCLUDED: MOUTH TO MAGRUDER BRIDGE, 6.6 MILES. CONTROLLING DEPTH: 17.5 FEET TO 11TH STREET BRIDGE, 2.1 MILES UPSTREAM OF MOUTH; BALANCE OF WATERWAY RANGES FROM 6 TO 16 FEET. PROJECT DEPTH: 24 FEET TO FOOT OF 15TH STREET SE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	2,121,851	1978-----	1,367,187
1974-----	1,412,631	1979-----	1,086,989
1975-----	1,405,513	1980-----	857,951
1976-----	1,538,121	1981-----	722,656
1977-----	1,536,957	1982-----	628,558

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FREIGHT TRAFFIC, 1982

COMMODITY	INTERNAL
	RECEIPTS
TOTAL-----	620,558
2911 GASOLINE-----	1,020
2912 JET FUEL-----	128,121
2914 DISTILLATE FUEL OIL-----	306,038
2915 RESIDUAL FUEL OIL-----	192,579
TOTAL TON-MILES, 1,207,502.	

SECTION INCLUDED: FROM MOUTH TO GIESBORO POINT AT WASHINGTON, D. C. 108 MILES. CONTROLLING DEPTH; KETTLE BOTTOM SHOAL 24 FEET; NANJEMOY BAR 21.7 FEET; MARYLAND PT. BAR 19.5 FEET; LIVERPOOL PT. 21.0 FEET; CHANNEL BETWEEN SANDY PT. AND QUANTICO 22.6 FEET; MATTHEWOMAN BAR 19.6 FEET; MARSHALL HALL BAR 22.3 FEET; HUNTING CREEK SHOAL 19.4 FEET; PROJECT DEPTHS; 24 FEET.

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	8,074,656	471,840	1978-----	5,427,858	-----
1974-----	6,633,521	300,844	1979-----	5,204,930	-----
1975-----	5,205,164	294,040	1980-----	4,242,350	71,579
1976-----	6,037,072	343,173	1981-----	2,894,103	270,470
1977-----	6,476,344	406,400	1982-----	2,418,191	254,390

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC COASTWISE	
		IMPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	638,448	358,804	220,640	59,004
1311 CRUDE PETROLEUM-----	90,779	90,779		
2099 MISCELLANEOUS FOOD PRODUCTS-----	13	13		
2091 WOOD MANUFACTURES, NEC-----	19	19		
2511 FURNITURE AND FIXTURES-----	7	7		
2631 PAPER AND PAPERBOARD-----	125,857	125,857		
2912 JET FUEL-----	83,849		83,849	
2915 RESIDUAL FUEL OIL-----	237,493	142,025	87,924	7,544
2916 ASPHALT, TAR, AND PITCHES-----	97,595		46,535	51,060
2991 PETROLEUM AND COAL PROD, NEC-----	2,332		2,332	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	40	40		
3511 FABRICATED METAL PRODUCTS-----	26	26		
3511 MACHINERY, EXCEPT ELECTRICAL-----	20	20		
4112 COMMODITIES, NEC-----	18	18		
TON-MILES, OCEANGOING, 36,482,268.				

(SHORT TONS)

[illegible]

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS	PASSENGERS
PROJECT				
ANNAPOLIS HARBOR, MD.	2014 TALLOW, ANIMAL FATS AND OILS	14		
	2094 COMMODITIES	96		
	4112 COMMODITIES, NEC	1		
	TOTAL	111	111	52,427
AQUITA CREEK, VA.	NO COMMERCE REPORTED			
BACK CREEK, ALICE ARUNDEL COUNTY, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	15		
	0012 SHELLFISH, EXCEPT PREPARED	213		
	TOTAL	228	228	
BETTERTON HARBOR, MD.	NO COMMERCE REPORTED			
BLACK WALNUT HARBOR, MD.	NO COMMERCE REPORTED			
BONUM CREEK, VA.	NO COMMERCE REPORTED			
BRANSON COVE, VA.	0011 FRESH FISH, EXCEPT SHELLFISH	134		
	0012 SHELLFISH, EXCEPT PREPARED	203		
	0031 MARINE SHELLS, UNMANUFACTURED	2,081		
	TOTAL	2,418	2,418	
BRETON BAY, MD.	1442 SAND, GRAVEL, CRUSHED ROCK	42,427	204,542	
BROAD CREEK RIVER, DEL.	0012 SHELLFISH, EXCEPT PREPARED	31	240	
BROAD CREEK, SOMERSET COUNTY, MD.	0012 SHELLFISH, EXCEPT PREPARED	153	304	
BROADWATER CREEK, MD.	NO COMMERCE REPORTED			
CADLE CREEK, MD.	NO COMMERCE REPORTED			
CAMBRIDGE HARBOR, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	35,427		
	0012 SHELLFISH, EXCEPT PREPARED	3,142		
	1442 SAND, GRAVEL, CRUSHED ROCK	7,931		
	2211 BASIC TEXTILE PRODUCTS	5		
	3312 SLAG	25,047		
	3511 MACHINERY, EXCEPT ELECTRICAL	3		
	3731 SHIPS AND BOATS	10		
	TOTAL	72,722	72,722	1,424
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.	NO COMMERCE REPORTED			
CHESTER RIVER, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	74		
	0012 SHELLFISH, EXCEPT PREPARED	45,364		
	2011 GASOLINE	3,194		
	2014 DISTILLATE FUEL OIL	750		
	TOTAL	49,382	49,382	
CLAIRBORNE HARBOR, MD.	NO COMMERCE REPORTED			
COAN RIVER, VA.	0011 FRESH FISH, EXCEPT SHELLFISH	442		
	0012 SHELLFISH, EXCEPT PREPARED	4,140		
	0031 MARINE SHELLS, UNMANUFACTURED	11,221		
	TOTAL	15,803	25,043	
CORSICA RIVER, MD.	NO COMMERCE REPORTED			
CRISFIELD HARBOR, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	124		
	0012 SHELLFISH, EXCEPT PREPARED	13,973		
	0013 MENHADEN	34		
	0031 MARINE SHELLS, UNMANUFACTURED	4,124		
	1121 COAL AND LIGNITE	7		
	2094 COMMODITIES	104		
	2095 ICE	7		
	2099 MISCELLANEOUS FOOD PRODUCTS	1		
	3312 SLAG	7,144		
	3411 FABRICATED METAL PRODUCTS	4		
	4112 COMMODITIES, NEC	103		
	TOTAL	25,414	104,455	3,599
DUCKHOLE CREEK, MD.	NO COMMERCE REPORTED			
DUCK POINT COVE, MD.	NO COMMERCE REPORTED			
ELK AND LITTLE ELK RIVERS, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	5	40	
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	172		
	0012 SHELLFISH, EXCEPT PREPARED	13,705		
	0013 MENHADEN	421		
	0031 MARINE SHELLS, UNMANUFACTURED	237		
	TOTAL	14,735	52,449	
FISHING CREEK, CALVERT COUNTY, MD.	NO COMMERCE REPORTED			
GOOSE CREEK, SOMERSET COUNTY, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	10		
	0012 SHELLFISH, EXCEPT PREPARED	331		
	TOTAL	341	341	

BALTIMORE, MD, DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
HEMPING HAY AND RICHOLD CREEK, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	287		
	0012 SHELLFISH, EXCEPT PREPARED	1,452		
	0031 MARINE SHELLS, UNMANUFACTURED	350		
	TOTAL	2,259	2,259	
HEMPING CREEK, MD.	NO COMMERCE REPORTED			
HONKA RIVER AND TAP HAY, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	1,201		
	0012 SHELLFISH, EXCEPT PREPARED	12,065		
	0031 MARINE SHELLS, UNMANUFACTURED	206		
	TOTAL	13,466	30,407	
INLAND CREEK, MD.	0012 SHELLFISH, EXCEPT PREPARED	889	889	
KNAPPS HARBORS, MD.	0012 SHELLFISH, EXCEPT PREPARED	4,503		
	0031 MARINE SHELLS, UNMANUFACTURED	800		
	TOTAL	5,303	6,103	
LITTLE CREEK, QUEEN ANNES COUNTY, MD.	NO COMMERCE REPORTED			
LITTLE HICKORY RIVER, VA.	0012 SHELLFISH, EXCEPT PREPARED	90	180	11,916
LOWER NACHODIC CREEK, VA.	0011 FRESH FISH, EXCEPT SHELLFISH	136		
	0012 SHELLFISH, EXCEPT PREPARED	929		
	0031 MARINE SHELLS, UNMANUFACTURED	4,539		
	TOTAL	5,604	13,667	
LOWER THOROUGHFARE AT OR NEAR VENONA, DEAL ISLAND, MD.	0012 SHELLFISH, EXCEPT PREPARED	3,151	3,151	
LOWES LAKE, TALBOT COUNTY, MD.	NO COMMERCE REPORTED			
MANKIN RIVER, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	2,432		
	0012 SHELLFISH, EXCEPT PREPARED	3,020		
	TOTAL	5,452	30,339	
MITCHELL RIVER AND DARK HEAD CREEK, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	3		
	0012 SHELLFISH, EXCEPT PREPARED	51		
	0031 MARINE SHELLS, UNMANUFACTURED	28,686		
	TOTAL	28,740	57,480	
MILL CREEK, MD.	NO COMMERCE REPORTED			
MONROE HAY AND CREEK, VA.	0012 SHELLFISH, EXCEPT PREPARED	1,515		
	0031 MARINE SHELLS, UNMANUFACTURED	600		
	TOTAL	2,155	2,155	
MUDDY HOOK AND TYLER COVES, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	150		
	0012 SHELLFISH, EXCEPT PREPARED	3,850		
	TOTAL	4,000	4,000	
NAN COVE, MD.	NO COMMERCE REPORTED			
NANTICOME RIVER AT BIVALVE, MD.	NO COMMERCE REPORTED			
NANTICOME RIVER AT NANTICOME, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	37		
	0012 SHELLFISH, EXCEPT PREPARED	2,245		
	0031 MARINE SHELLS, UNMANUFACTURED	1,280		
	TOTAL	3,562		
NEALE SOUND, MD.	0012 SHELLFISH, EXCEPT PREPARED	200		
	0031 MARINE SHELLS, UNMANUFACTURED	320		
	TOTAL	520	520	
NOMIST HAY AND CREEK, VA.	0011 FRESH FISH, EXCEPT SHELLFISH	750		
	0012 SHELLFISH, EXCEPT PREPARED	34		
	0031 MARINE SHELLS, UNMANUFACTURED	504		
	TOTAL	1,332	2,432	
NORTHEAST RIVER, MD.	NO COMMERCE REPORTED			
OSCEOLA CREEK, VA.	1402 SAND, GRAVEL, CRUSHED ROCK	47,427	296,562	
OCEAN CITY HARBOR AND INLET AND SINEPENT RAY, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	320		
	0012 SHELLFISH, EXCEPT PREPARED	4,244		
	TOTAL	4,575	111,475	384
PARISH CREEK, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	1		
	0012 SHELLFISH, EXCEPT PREPARED	302		
	TOTAL	303	303	
PATHEM RIVER, MD.	0011 FRESH FISH, EXCEPT SHELLFISH	57		
	0012 SHELLFISH, EXCEPT PREPARED	803		
	0031 MARINE SHELLS, UNMANUFACTURED	15,115		

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
PATUXENT RIVER, MD. (CONTINUED)	2911 GASOLINE	20,518		
	2912 JET FUEL	54,880		
	2913 KEROSENE	1,580		
	2914 DISTILLATE FUEL OIL	5,611		
	2915 RESIDUAL FUEL OIL	4,793		
	3411 FABRICATED METAL PRODUCTS	20		
	TOTAL	127,476	932,902	
POCOMOKE RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	34		
	0912 SHELLFISH, EXCEPT PREPARED	3,286		
	0913 MENHADEN	3		
	0931 MARINE SHELLS, UNMANUFACTURED	12,176		
	2411 LOGS	4,669		
	2416 WOOD CHIPS, STAVES, MOLDINGS	127,418		
	2911 GASOLINE	11,181		
	2914 DISTILLATE FUEL OIL	4,770		
	TOTAL	163,546	2,789,705	
POTOMAC RIVER AT ALEXANDRIA, VA.	2099 MISCELLANEOUS FOOD PRODUCTS	13		
	2491 WOOD MANUFACTURES, NEC	19		
	2511 FURNITURE AND FIXTURES	7		
	2631 PAPER AND PAPERBOARD	125,857		
	3324 ALUMINUM AND ALLOYS, UNWORKED	40		
	3411 FABRICATED METAL PRODUCTS	28		
	3511 MACHINERY, EXCEPT ELECTRICAL	20		
	4112 COMMODITIES, NEC	18		
	TOTAL	126,000		
POTOMAC RIVER AT LOWER CEDAR POINT, MD.	NO COMMERCE REPORTED			
POTOMAC RIVER AT MT. VERNON, VA.				254,390
POTOMAC RIVER, VIRGINIA CHANNEL, D. C. (INCLUDED IN WASHINGTON HARBOR, D. C.)				77,728
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. (INCLUDED IN REPORT FOR WASHINGTON HARBOR, D. C.)				254,548
QUEENSTOWN HARBOR, MD.	NO COMMERCE REPORTED			
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD.	NO COMMERCE REPORTED			
ROCK HALL HARBOR, MD.	NO COMMERCE REPORTED			
SLAUGHTER CREEK, MD.	0912 SHELLFISH, EXCEPT PREPARED	974		
	0931 MARINE SHELLS, UNMANUFACTURED	80		
	TOTAL	1,054	3,162	
SMITH CREEK, MD.	0912 SHELLFISH, EXCEPT PREPARED	71		
	0913 MENHADEN	43		
	TOTAL	114	114	
ST. CATHERINES SOUND, MD.	0912 SHELLFISH, EXCEPT PREPARED	400	800	
ST. JEROME CREEK, MD.	NO COMMERCE REPORTED			
ST. MICHAEL'S HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	2,752		
	TOTAL	2,753		5,020
ST. PATRICKS CREEK, MD.	0912 SHELLFISH, EXCEPT PREPARED	881		
	0931 MARINE SHELLS, UNMANUFACTURED	224		
	TOTAL	1,105	1,105	
ST. PETERS CREEK, MD.	NO COMMERCE REPORTED			
SUSQUEHANNA RIVER ABOVE AND BELOW MARY OF GRACE, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	88		
	1442 SAND, GRAVEL, CRUSHED ROCK	141,594		
	3312 SLAG	75,477		
	TOTAL	219,159	1,743,620	1,780
TILGHMAN ISLAND HARBOR, MD.	NO COMMERCE REPORTED			
TOWN CREEK, MD.				3,216
TRED AVON RIVER, MD.	0912 SHELLFISH, EXCEPT PREPARED	4,117		
	1442 SAND, GRAVEL, CRUSHED ROCK	32,183		
	2911 GASOLINE	14,202		
	2913 KEROSENE	5,363		
	2914 DISTILLATE FUEL OIL	22,151		
	3312 SLAG	63,503		
	TOTAL	141,519	1,378,137	128,286
WITCH COVE AND BIG THOROUGHFARE RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	2		
	0912 SHELLFISH, EXCEPT PREPARED	10,937		
	0931 MARINE SHELLS, UNMANUFACTURED	7,232		
	1121 COAL AND LIGNITE	7		
	2094 GROCERIES	108		
	2095 ICE	6		

BALTIMORE, MD, DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD. (CONTINUED)-----	2099 MISCELLANEOUS FOOD PRODUCTS-----	1	-----	-----
	2911 GASOLINE-----	371	-----	-----
	2913 KEROSENE-----	233	-----	-----
	2914 DISTILLATE FUEL OIL-----	1,004	-----	-----
	3312 SLAG-----	1,398	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	9	-----	-----
	4112 COMMODITIES, NEC-----	98	-----	-----
	TOTAL-----	21,397	60,623	798
TYASKIT CREEK, MI.-----	NO COMMERCE REPORTED			
UPPER WACHUDOC CREEK, VA.-----	NO COMMERCE REPORTED			
UPPER THOROUGHFARE, DEAL ISLAND, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,757	1,757	-----
WARTICK RIVER, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	300	-----	-----
	0931 MARINE SHELLS, UNMANUFACTURED-----	8,961	-----	-----
	TOTAL-----	9,261	10,722	-----
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.--	NO COMMERCE REPORTED			

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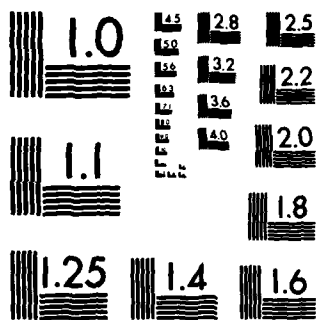
WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR
1982 PART 1 WATERM. (U) CORPS OF ENGINEERS FORT BELVOIR
VA WATER RESOURCES SUPPORT CE. JUL 84 WRSC-WCUS-82-1

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

NORFOLK, VA, DISTRICT

NORFOLK HARBOR, VA.

SECTION INCLUDED: FROM 45-FOOT CONTOUR IN HAMPTON ROADS TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH OF ELIZABETH RIVER, 14.78 MILES; THENCE UPSTREAM IN SOUTHERN BRANCH, 4.61 MILES. IN EASTERN BRANCH, 2.84 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; IN WESTERN BRANCH, 1.72 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; AND 0.73 MILES IN SCOTTS CREEK. CONTROLLING DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, OUTBOUND HALF 45.0 FEET, INBOUND HALF, 45.0 FEET; LAMBERT POINT TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 5.0 TO 35.0 FEET. PROJECT DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, 45 FEET; FROM LAMBERT POINT TO THE NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 12 TO 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	52,333,200	178,861	601,253	1978	34,018,870	55,842	463,593
1974	55,388,817	98,435	505,889	1979	48,650,776	45,837	502,524
1975	49,742,717	114,105	447,421	1980	54,217,591	44,745	455,623
1976	50,055,402	78,230	610,901	1981	52,697,674	80,861	543,029
1977	43,862,200	61,132	482,666	1982	55,294,916	60,600	416,059

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL	55,294,916	4,043,367	42,645,331	1,078,563	101,374	5,500,906	2,572,862	1,352,553
0101 COTTON, RAW	542		542					
0102 BARLEY AND RYE	176,222		121,872			54,350		
0103 CORN	3,717,566	1,693	3,593,165		6,178	113,354		2,976
0105 RICE	956	173	783					
0106 SORGHUM GRAINS	9				9			
0107 WHEAT	1,218,550		1,135,936			81,184		1,430
0111 SOYBEANS	1,396,430		1,291,763		401	104,186		
0119 OILSEEDS, NEC	32,571	39	32,532					
0121 TOBACCO, LEAF	195,979	42,274	113,674	31				
0129 FIELD CROPS, NEC	1,874	438	1,436					
0131 FRESH FRUITS	9,089	424	8,665					
0132 BANANAS AND PLANTAINS	1,188	1,188						
0133 COFFEE	4,366	4,369	16	61				
0134 COCOA BEANS	73,443	72,869	299	275				
0141 FRESH AND FROZEN VEGETABLES	4,663	694	4,059					
0161 ANIMALS AND PRODUCTS, NEC	7,187	104	7,083					
0191 MISCELLANEOUS FARM PRODUCTS	2,249	2,213	36					
0801 CRUDE RUBBER AND ALLIED GUMS	146,954	146,870	2,076					
0861 FOREST PRODUCTS, NEC	4,903	4,795	108					
0911 FRESH FISH, EXCEPT SHELLFISH	6,081	4,852	1,229					
0912 SHELLFISH, EXCEPT PREPARED	4,521	4,112	409					
1001 ALUMINUM ORES, CONCENTRATED	651,614	651,420	194					
1061 MANGANESE ORES, CONCENTRATED	13,641	11,573	2,068					
1091 NONFERROUS ORES, CONCENT, NEC	4,088	3,416	672					
1121 COAL AND LIGNITE	35,559,679	2	34,818,213		25,959		715,505	
1311 CRUDE PETROLEUM	132,589	114,005					18,388	
1411 LIMESTONE	350,860	343,383	7,485					
1412 BUILDING STONE, UNWORKED	13		13					
1442 SAND, GRAVEL, CRUSHED ROCK	1,943,784		968			1,942,816		
1451 CLAY	127,676	125,109	2,567					
1471 PHOSPHATE ROCK	71,233	71,233						
1479 NATURAL FERTILIZER MATS, NEC	4,423	4,423						
1491 SALT	103,530	103,495	35					
1492 SULPHUR, DRY	111		111					
1499 NONMETALLIC MINERALS, NEC	59,795	52,367	7,428		3			
1911 ORDNANCE AND ACCESSORIES	119	47	72					
2011 MEAT, FRESH, CHILLED, FROZEN	26,479	22,860	3,619					
2012 MEAT AND PRODUCTS, NEC	1,474	972	502					
2014 TALLOW, ANIMAL FATS AND OILS	33,972		33,972					
2015 ANIMAL BY-PRODUCTS, NEC	10,742	147	10,795					
2021 DAIRY PRODUCTS, NEC	1,023	1,003	20					
2022 DRIED MILK AND CREAM	1,483	22	1,461					
2031 FISH AND SHELLFISH, PREPARED	2,453	2,094	359					
2034 VEGETABLES AND PREP, NEC	21,039	18,473	2,565	1				
2039 PREP FRUIT AND VEG JUICE, NEC	16,325	8,612	7,868	195	30			
2041 WHEAT FLOUR AND SEMOLINA	5,523		5,523					
2042 ANIMAL FEEDS	308,968	1,768	299,200					
2049 GRAIN MILL PRODUCTS, NEC	30,099	215	26,862		5,022			
2061 SUGAR	30	14	24					
2062 MOLASSES	40							
2061 ALCOHOLIC BEVERAGES	30,964	20,080	7,970	1,403	1,511			
2091 VEGETABLE OILS, MARG, SHORT	115,299	279	115,020					
2092 ANIMAL OILS AND FATS, NEC	5,644		5,644					
2099 MISCELLANEOUS FOOD PRODUCTS	45,091	20,459	10,492	21	64	14,058		
2111 TOBACCO MANUFACTURES	91,325	38,977	48,564		5,784			
2211 BASIC TEXTILE PRODUCTS	73,445	11,207	54,579		243	1,095	6,321	
2212 TEXTILE FIBERS, NEC	520	435	85					
2311 APPAREL	5,237	1,463	3,774					
2311 LOGS	23,442	1,044	22,398					
2313 FUEL WOOD, CHARCOAL, WASTES	648	11	637					
2314 TIMBER, POSTS, POLES, PILING	9,068	121	1,327			2,400	5,220	
2315 LUMBER	43,924	7,602	36,322		90			
2331 VENEER, PLYWOOD, WORKED WOOD	76,950	72,987	3,860	3				
2491 WOOD MANUFACTURES, NEC	7,233	2,784	4,401		2	41	5	

NORFOLK, VA, DISTRICT

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NORFOLK HARBOR, VA.--CONTINUED
FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2511 FURNITURE AND FIXTURES-----	33,793	17,454	14,996	8	1,335			
2611 PULP-----	11,336	1	4,970	20	42	2,303		
2631 PAPER AND PAPERBOARD-----	57,234	15,731	41,503					
2691 PULP AND PAPER PRODUCTS, NEC-----	11,428	2,203	9,053		172			
2711 PRINTED MATTER-----	4,641	817	3,824					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	12,026	11,863	163					
2812 DYES, PIGMENT, TANNING MATS-----	381		359	22				
2813 ALCOHOLS-----	22		22					
2816 RADIOACTIVE MATERIALS, WASTE-----	7,696	6,492	1,204					
2818 SULPHURIC ACID-----	51,535			500		51,035		
2819 BASIC CHEMICALS AND PROD. NEC-----	96,631	27,356	54,752		28		13,095	1,400
2821 PLASTIC MATERIALS-----	43,123	3,252	39,862		9			
2822 SYNTHETIC RUBBER-----	43,171		36,305			1,184	5,662	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	47,740	8,929	38,811					
2831 DRUGS-----	5,016	1,305	3,711					
2841 SOAP-----	5,929	1,004	4,924		1			
2851 PAINTS-----	12,456	11,211	1,077		168			
2861 GUM AND WOOD CHEMICALS-----	207	83	124					
2871 NITROGENOUS CHEM FERTILIZERS-----	352,632	6,250	108,127	33,600	1,850	128,062	74,743	
2873 PHOSPHATIC CHEM FERTILIZERS-----	87,660	87,198	462					
2876 INSECTICIDES, DISINFECTANTS-----	3,329	840	2,479		2			
2879 FERTILIZER AND MATERIALS, NEC-----	25,853	6,042	4,694			8,394	6,723	
2891 MISCELLANEOUS CHEMICAL PROD-----	29,270	20,781	4,373	109	7			
2911 GASOLINE-----	116,596	12,866	207	18,731		13,683	66,915	4,200
2912 JET FUEL-----	347,074			48,082	7,048	138,076	138,623	15,044
2913 KEROSENE-----	11,537		10			1,916	9,611	
2914 DISTILLATE FUEL OIL-----	783,858	11,506	65	91,366	27,070	132,731	415,274	105,844
2915 RESIDUAL FUEL OIL-----	4,475,456	1,445,845		679,776	7,919	336,945	683,499	1,121,012
2916 LUBRICATING OILS AND GREASES-----	40,271	30	3,005	31,011			1,301	4,924
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,148			67		1,081		
2918 ASPHALT, TAR, AND PITCHES-----	135,775		474	67,091		63,093	5,117	
2920 COKE, PETROLEUM COKE-----	1,036	56	980					
2921 LIQUEFIED GASES-----	120		128					
2951 ASPHALT BUILDING MATERIALS-----	405		354	19	32			
2991 PETROLEUM AND COAL PROD, NEC-----	73,242	799	139	2,740	4,553		29,756	35,255
3011 RUBBER AND MISC PLASTIC PROD-----	22,819	13,361	9,233	27	108			
3111 LEATHER AND LEATHER PRODUCTS-----	4,443	4,102	341					
3211 GLASS AND GLASS PRODUCTS-----	19,187	4,704	14,481	13	29			
3241 BUILDING CEMENT-----	153,623	23,674	9,512	77,637		42,800		
3251 STRUCTURAL CLAY PRODUCTS-----	4,506	2,390	2,108					
3271 LIME-----	31		31					
3301 CUT STONE AND STONE PRODUCTS-----	1,403	1,584	19					
3309 MISC NONMETALLIC MINERAL PROD-----	4,015	2,806	5,067	120	22			
3314 IRON AND STEEL PRIMARY FORMS-----	16,760		16,760					
3315 IRON, STEEL SHAPES, EXC SHEET-----	14,399	10,061	4,338					
3316 IRON AND STEEL PLATES, SHEETS-----	11,771	9,427	2,344					
3317 IRON AND STEEL PIPE AND TUBE-----	14,637	6,025	8,612					
3318 FERROALLOYS-----	758	61	647					
3319 IRON AND STEEL PRODUCTS, NEC-----	5,230	2,954	2,116	23	137			
3321 NONFERROUS METALS, NEC-----	10,170	3,256	6,914					
3322 COPPER ALLOYS, UNWORKED-----	29,020	27,353	1,622	39	6			
3323 LEAD AND ZINC, UNWORKED-----	1,804	1,711	93					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	5,842	1,310	4,530		2			
3411 FABRICATED METAL PRODUCTS-----	55,966	37,077	18,525		366			
3511 MACHINERY, EXCEPT ELECTRICAL-----	172,293	51,579	115,565	107	823	2,822	1,347	
3611 ELECTRICAL MACH AND EQUIP-----	57,101	13,838	40,271	814	133	1,210	835	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	155,832	105,232	50,212	5	383			
3721 AIRCRAFT AND PARTS-----	486	57	378		29		22	
3731 SHIPS AND BOATS-----	16,653	5,723	1,429	9,500	1			
3791 MISC TRANSPORTATION EQUIPMENT-----	3,174	1,530	1,623		21			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	4,693	1,915	2,778					
3911 MISC MANUFACTURED PRODUCTS-----	6,138	3,537	2,684		117			
4011 IRON AND STEEL SCRAP-----	81,672	36	52,682				28,752	
4012 NONFERROUS METAL SCRAP-----	6,785	227	6,558					
4022 TEXTILE WASTE, SCRAP, WHEEP-----	4,179	64	4,113					
4024 PAPER WASTE AND SCRAP-----			6,069					
4111 WATER-----	64,466						4,000	60,466
4112 COMMODITIES, NEC-----	434,502	6,546	1,834	15,106	7,504	276,145	127,367	
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,990		1,990					
TOTAL TON-MILES, 621,692,335.								

HAMPTON ROADS, VA.

SECTION INCLUDED: NORFOLK HARBOR, PORT OF NEWPORT NEWS (INCLUDING NEWPORT NEWS CREEK), HAMPTON CREEK, AND CHANNEL FROM PROEBIS TO DEEP-WATER IN HAMPTON ROADS, VA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	63,963,750	182,961	2,201,113	1978-----	41,025,851	117,530	2,317,476
1974-----	73,101,478	185,915	1,977,239	1979-----	59,990,945	122,471	2,538,728
1975-----	66,937,115	114,369	1,904,320	1980-----	74,832,060	141,431	2,598,043
1976-----	63,164,104	143,500	2,345,133	1981-----	71,196,982	84,706	2,192,669
1977-----	52,370,666	189,931	2,007,193	1982-----	76,161,556	60,922	1,931,970

HAMPTON ROADS, VA.--CONTINUED

	TONS
HAMPTON ROADS:	
HAMPTON CREEK, VA.	363,370
NORFOLK HARBOR, VA.	55,294,916
PORT OF NEWPORT NEWS, VA.	20,911,877
CHANNEL FROM PHOEBUS TO DEEP WATER IN HAMPTON ROADS, VA.	
TOTAL GROSS, UNADJUSTED	76,569,163
NET VOLUME AFTER ELIMINATING DUPLICATION WITHIN THE AREA OF HAMPTON ROADS, VA.	76,161,950

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	76,161,950	4,820,239	61,161,754	1,150,264	230,450	3,991,050	3,002,937	1,760,666
0101 COTTON, RAW	542		542					
0102 BARLEY AND RYE	176,222		121,072			54,350		
0103 CORN	3,719,413	3,735	3,593,170		6,170	113,354		2,976
0105 RICE	956	173	783					
0106 SOYBEAN GRAINS	11		2		9			
0107 WHEAT	1,210,550		1,135,936			81,104		1,430
0111 SOYBEANS	1,396,430		1,291,763		481	104,186		
0119 OILSEEDS, NEC	32,001	30	32,762					
0121 TOBACCO, LEAF	170,010	49,369	120,610	31				
0129 FIELD CROPS, NEC	1,955	504	1,451					
0131 FRESH FRUITS	9,009	424	8,665					
0132 BANANAS AND PLANTAINS	1,100	1,100						
0133 COFFEE	4,813	4,756	16	41				
0134 COCOA BEANS	73,443	72,869	249	275				
0141 FRESH AND FROZEN VEGETABLES	4,663	604	4,059					
0161 ANIMALS AND PRODUCTS, NEC	8,104	180	7,924					
0191 MISCELLANEOUS FARM PRODUCTS	2,261	2,225	36					
0601 CRUDE RUBBER AND ALLIED GUMS	295,521	293,314	2,207					
0601 FOREST PRODUCTS, NEC	8,274	8,153	121					
0911 FRESH FISH, EXCEPT SMELLFISH	6,001	4,852	1,220					
0912 SMELLFISH, EXCEPT PREPARED	6,090	4,112	490			97		1,072
1011 IRON ORE AND CONCENTRATES	275		275					
1051 ALUMINUM ORES, CONCENTRATED	651,615	651,420	195					
1061 MANGANESE ORES, CONCENTRATED	13,048	11,573	2,275					
1091 NONFERROUS ORES, CONCENT, NEC	4,090	3,416	682					
1121 COAL AND LIGNITE	54,805,582	2	52,914,694		159,190	1,031,616		
1311 CRUDE PETROLEUM	450,042	440,450						10,304
1411 LIMESTONE	350,920	343,303	7,541					
1412 BUILDING STONE, UNWORKED	13		13					
1402 SAND, GRAVEL, CRUSHED ROCK	2,446,653		605			2,445,668		
1451 CLAY	127,032	125,161	2,671					
1471 PHOSPHATE ROCK	71,233	71,233						
0479 NATURAL FERTILIZER MATS, NEC	4,423	4,423						
1401 SALT	103,530	103,495	35					
1492 SULPHUR, DRY	111		111					
1499 NONMETALLIC MINERALS, NEC	60,070	52,371	7,496		3			
1911 ORDNANCE AND ACCESSORIES	121	49	72					
2011 MEAT, FRESH, CHILLED, FROZEN	26,519	22,660	3,659					
2012 MEAT AND PRODUCTS, NEC	1,074	972	502					
2014 TALLOW, ANIMAL FATS AND OILS	39,142		39,142					
2015 ANIMAL BY-PRODUCTS, NEC	11,000	105	10,815					
2021 DAIRY PRODUCTS, NEC	1,023	1,003	20					
2022 DRIED MILK AND CREAM	2,062	22	2,840					
2031 FISH AND SMELLFISH, PREPARED	2,453	2,494	350					
2034 VEGETABLES AND PREP, NEC	21,240	10,634	2,605	1				
2039 PREP FRUIT AND VEG JUICE, NEC	17,400	9,915	7,348	195	30			
2041 WHEAT FLOUR AND SEMOLINA	5,375		5,375					
2042 ANIMAL FEEDS	301,115	1,760	299,347					
2049 GRAIN MILL PRODUCTS, NEC	39,733	215	36,496		3,022			
2061 SUGAR	30	10	24					
2062 MOLASSES	48	48						
2001 ALCOHOLIC BEVERAGES	35,723	24,754	8,095	1,403	1,511			
2091 VEGETABLE OILS, NAPS, SHORT	115,370	339	115,039					
2092 ANIMAL OILS AND FATS, NEC	5,644	4	5,640					
2099 MISCELLANEOUS FOOD PRODUCTS	47,931	22,094	10,097	21	60	14,055		
2111 TOBACCO MANUFACTURES	101,963	40,307	57,072		3,780			
2211 BASIC TEXTILE PRODUCTS	93,737	15,037	70,241		243	1,095	4,321	
2212 TEXTILE FIBERS, NEC	2,210	2,133	85					
2311 APPAREL	5,557	1,502	3,975					
2411 LBS	23,442	1,044	22,398					
2413 FUEL WOOD, CHARCOAL, WASTES	646	11	637					
2414 TIMBER, POYS, POLES, PILING	4,060	121	1,327			2,000	5,220	
2421 LUMBER	44,710	7,953	36,677		80			
2431 VENEER, PLYWOOD, WORKED WOOD	81,202	77,616	3,643	3				
2491 WOOD MANUFACTURES, NEC	7,516	3,034	4,434		2	41	5	
2511 FURNITURE AND FIXTURES	30,930	10,195	15,302		1,335			
2611 PULP	17,130	10,764	20		42	2,303		
2631 PAPER AND PAPERBOARD	92,014	41,135	51,601					
2691 PULP AND PAPER PRODUCTS, NEC	11,905	2,203	9,610		172			
2711 PRINTED MATTER	4,947	836	4,111					
2811 CRUDE TAR, OIL, GAS PRODUCTS	12,026	11,663	163					
2812 OYS, PIGMENT, TANNING MATS	455		433	22				

NORFOLK, VA, DISTRICT

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HAMPTON ROADS, VA.--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2013 ALCOHOLS-----	23		23					
2016 RADIOACTIVE MATERIALS, WASTES-----	7,911	6,707	1,204					
2010 SULPHURIC ACID-----	51,935			500		51,935		
2019 BASIC CHEMICALS AND PROD, NEC-----	103,263	28,581	60,159		28		13,095	1,480
2021 PLASTIC MATERIALS-----	45,797	3,666	42,122		9			
2022 SYNTHETIC RUBBER-----	45,028		38,162			1,184		5,682
2023 SYNTHETIC (MAN-MADE) FIBERS-----	52,094	9,637	42,459					
2031 DRUGS-----	5,366	1,347	4,019					
2041 SOAP-----	6,183	1,048	5,094		1			
2051 PAINTS-----	13,035	11,616	1,251		148			
2061 GUM AND WOOD CHEMICALS-----	207	83	124					
2071 NITROGENOUS CHEM FERTILIZERS-----	352,632	6,250	100,127	33,600	1,850	120,662	74,743	
2073 PHOSPHATIC CHEM FERTILIZERS-----	87,660	87,190	462					
2076 INSECTICIDES, DISINFECTANTS-----	3,810	640	2,960		2			
2079 FERTILIZER AND MATERIALS, NEC-----	32,300	6,042	11,141			8,594	6,723	
2091 MISCELLANEOUS CHEMICAL PROD-----	31,760	20,879	10,765	109	7			
2011 GASOLINE-----	142,978	39,250	210	18,731		13,683	66,810	4,696
2012 JET FUEL-----	347,074			48,082	7,040	130,076	134,794	19,073
2013 KEROSENE-----	11,937		10			1,916	9,038	571
2014 DISTILLATE FUEL OIL-----	797,105	11,506	65	91,366	34,415	132,731	341,710	188,872
2015 RESIDUAL FUEL OIL-----	4,041,243	1,648,922		751,327	7,919	291,977	687,296	1,453,802
2016 LUBRICATING OILS AND GREASES-----	43,204	30	5,930	31,011			409	5,616
2017 NAPHTHA, PETROLEUM SOLVENTS-----	1,148		67			1,081		
2018 ASPHALT, TAR, AND BITUMENS-----	168,797		474	67,091		96,115	5,117	
2019 CORE, PETROLEUM CORE-----	237,412	56	235,442				1,514	
2021 LIQUEFIED GASES-----	120		120					
2091 ASPHALT BUILDING MATERIALS-----	455		404	19	32			
2091 PETROLEUM AND COAL PROD, NEC-----	75,307	834	169	2,740	4,553		23,576	41,835
3011 RUBBER AND MISC PLASTIC PROD-----	24,470	14,660	10,185	27	190			
3111 LEATHER AND LEATHER PRODUCTS-----	4,603	4,121	484					
3211 GLASS AND GLASS PRODUCTS-----	19,739	4,780	10,000	13	20			
3301 BUILDING CEMENT-----	193,624	23,674	9,513	77,637		42,600		
3301 STRUCTURAL CLAY PRODUCTS-----	5,722	2,472	3,250					
3371 LIME-----	31		31					
3401 CUT STONE AND STONE PRODUCTS-----	1,600	1,661	19					
3401 MISC NONMETALLIC MINERAL PROD-----	8,716	2,844	5,730	120	22			
3314 IRON AND STEEL PRIMARY FORMS-----	16,762		10,762					
3315 IRON, STEEL SHAPES, EXC SHEET-----	21,242	10,735	10,507					
3316 IRON AND STEEL PLATES, SHEETS-----	22,110	9,486	12,624					
3317 IRON AND STEEL PIPE AND TUBE-----	23,162	6,665	16,497					
3318 FERROALLOYS-----	750	61	689					
3319 IRON AND STEEL PRODUCTS, NEC-----	7,514	3,102	4,282	23	137			
3321 NONFERROUS METALS, NEC-----	10,314	3,296	7,020					
3322 COPPER ALLOYS, UNWORKED-----	29,129	27,553	1,731	39	6			
3323 LEAD AND ZINC, UNWORKED-----	1,850	1,753	137					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	6,506	1,677	4,797		2			
3411 FABRICATED METAL PRODUCTS-----	44,426	39,725	24,195		366	142		
3511 MACHINERY, EXCEPT ELECTRICAL-----	214,736	62,626	140,852	317	823	3,021	544	1,353
3611 ELECTRICAL MACH AND EQUIP-----	65,773	18,249	40,532	814	133	810	35	1,200
3711 MOTOR VEHICLES, PARTS, EQUIP-----	150,247	105,509	53,350	5	303			
3721 AIRCRAFT AND PARTS-----	514	57	406				22	
3731 SHIPS AND BOATS-----	16,694	5,741	1,452	9,500	1			
3791 MISC TRANSPORTATION EQUIPMENT-----	7,214	1,530	5,663		21			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	5,405	1,924	3,516					
3911 MISC MANUFACTURED PRODUCTS-----	6,478	3,754	2,687		117			
4011 IRON AND STEEL SCRAP-----	81,718	30	52,928				28,752	
4012 NONFERROUS METAL SCRAP-----	7,600	227	7,373					
4022 TEXTILE WASTE, SCRAP, WHEEP-----	5,467	237	5,230					
4030 PAPER WASTE AND SCRAP-----	8,009		6,049					
4111 WATER-----	64,868						500	63,966
4112 COMMODITIES, NEC-----	435,531	7,386	2,049	15,106	7,504	276,145	127,367	
9999 DEPARTMENT OF DEFENSE AND SCI-----	5,220		5,220					

CHANNEL TO NEWPORT NEWS, VA.

SECTION INCLUDED: BETWEEN THE 45-FOOT DEPTH CONTOURS ON EACH SIDE OF MIDDLE GROUND SHOAL IN HAMPTON ROADS, VA., 4.8 MILES. CONTROLLING DEPTHS: OUTBOUND HALF OF CHANNEL, 45.0 FEET AT MEAN LOW WATER; INBOUND HALF OF CHANNEL, 45.0 FEET AT MEAN LOW WATER. PROJECT LENGTH: 4.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	17,950,213	1978-----	12,423,826
1974-----	23,716,422	1979-----	17,089,036
1975-----	21,772,872	1980-----	26,100,356
1976-----	17,967,014	1981-----	22,666,364
1977-----	13,253,075	1982-----	25,061,210

CHANNEL TO NEWPORT NEWS, VA.--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL	25,061,210	10,917,450	894,428	188,148	217,235	3,968,589	875,352
0103 CORN	2,087	45	2,042				
0104 BORDHUM GRAINS	2	2					
0119 OILSEEDS, NEC	957	957					
0121 TOBACCO, LEAF	66,303	17,999	48,304				
0129 FIELD CROPS, NEC	81	4	66				
0131 FRESH FRUITS	4	4					
0133 COFFEE	447		447				
0141 FRESH AND FROZEN VEGETABLES	524	524					
0161 ANIMALS AND PRODUCTS, NEC	1,027	951	76				
0191 MISCELLANEOUS FARM PRODUCTS	12		12				
0841 CRUDE RUBBER AND ALLIED GUMS	146,594	131	146,463				
0861 FOREST PRODUCTS, NEC	3,437	13	3,424				
0912 SMELTFISH, EXCEPT PREPARED	295						295
0931 MARINE SMELLS, UNMANUFACTURED	5,842						5,842
1011 IRON ORE AND CONCENTRATES	275	275					
1051 ALUMINUM ORES, CONCENTRATES	1	1					
1061 MANGANESE ORES, CONCENTRATES	207	207					
1091 NONFERROUS ORES, CONCENTRATES, NEC	10	10					
1121 COAL AND LIGNITE	18,945,428	18,094,482		133,231		716,111	
1311 CRUDE PETROLEUM	326,453		326,453				
1411 LIMESTONE	56	56					
1442 SAND, GRAVEL, CRUSHED ROCK	2,057,579	1,960	60			2,055,579	
1451 CLAY	176	124	52				
1493 SULPHUR, LIQUID	71,950				71,950		
1499 NONMETALLIC MINERALS, NEC	2,045	2,041	4				
1911 ORDNANCE AND ACCESSORIES	2		2				
2011 MEAT, FRESH, CHILLED, FROZEN	40	40					
2014 YALLOW, ANIMAL FATS AND OILS	5,170	5,170					
2015 ANIMAL BY-PRODUCTS, NEC	63	20	43				
2022 DRIED MILK AND CREAM	1,379	1,379					
2034 VEGETABLES AND PREP, NEC	201	40	161				
2039 PREP FRUIT AND VEG JUICE, NEC	1,163	60	1,103				
2041 WHEAT FLOUR AND SEMOLINA	1,652	1,652					
2042 ANIMAL FEEDS	303	303					
2049 GRAIN MILL PRODUCTS, NEC	9,980	9,980					
2062 MOLASSES	30	30					
2081 ALCOHOLIC BEVERAGES	10,645	100	10,645				
2091 VEGETABLE OILS, MARG, SHORT	79	19	60				
2092 ANIMAL OILS AND FATS, NEC	0	0	0				
2099 MISCELLANEOUS FOOD PRODUCTS	3,953	1,511	2,442				
2111 TOBACCO MANUFACTURES	10,695	10,219	1,476				
2211 BASIC TEXTILE PRODUCTS	27,401	21,008	6,393				
2212 TEXTILE FIBERS, NEC	1,690		1,690				
2311 APPAREL	450	321	137				
2411 LOGS	945	945					
2421 LUMBER	10,255	7,203	2,972				
2431 VENEER, PLYWOOD, WORKED WOOD	7,756	3,327	4,429				
2491 WOOD MANUFACTURES, NEC	319	60	259				
2511 FURNITURE AND FIXTURES	1,373	507	786				
2611 PULP	13,210	13,190	20				
2631 PAPER AND PAPERBOARD	40,528	11,400	29,128				
2691 PULP AND PAPER PRODUCTS, NEC	743	723	20				
2711 PRINTED MATTER	461	435	26				
2812 DYES, PIGMENT, TANNING MATS	75	75					
2813 ALCOHOLS	1	1					
2916 RADIOACTIVE MATERIALS, WASTE	215		215				
2918 SULPHURIC ACID	42,095				3,055	30,125	9,015
2919 BASIC CHEMICALS AND PROD, NEC	147,418	17,720	45,344		700	2,109	81,505
2921 PLASTIC MATERIALS	10,470	17,792	678				
2922 SYNTHETIC RUBBER	6,141	6,141					
2923 SYNTHETIC (MAN-MADE) FIBERS	5,601	4,877	724				
2931 DRUGS	1,965	1,023	42				
2941 SOAP	1,160	1,104	64				
2951 PAINTS	1,170	221	957				
2961 GUM AND WOOD CHEMICALS	103	103					
2971 NITROGENOUS CHEM FERTILIZERS	470,429	280,056	51,072		4,800	134,501	
2976 INSECTICIDES, DISINFECTANTS	1,327	1,311	16				
2979 FERTILIZER AND MATERIALS, NEC	12,447	6,447				6,000	
2991 MISCELLANEOUS CHEMICAL PROD	4,035	3,629	206				
2911 GASOLINE	75,776	12	26,370			32,097	17,297
2912 JET FUEL	4,029						4,029
2913 KEROSENE	2,536						2,536
2914 DISTILLATE FUEL OIL	194,473				3,445	85,568	105,060
2915 RESIDUAL FUEL OIL	913,349		203,077		71,951	101,303	537,370
2916 LUBRICATING OILS AND GREASES	4,045	3,153					892
2918 ASPHALT, TAR, AND PITCHES	166,157				60,961		101,196
2920 COKE, PETROLEUM COKE	236,396	234,682				1,514	
2931 ASPHALT BUILDING MATERIALS	50	50					
2991 PETROLEUM AND COAL PROD, NEC	6,335	30	125				6,180
3011 RUBBER AND MISC PLASTIC PROD	2,361	1,245	1,116				
3111 LEATHER AND LEATHER PRODUCTS	162	143	19				
3211 GLASS AND GLASS PRODUCTS	1,954	1,670	84				
3241 BUILDING CEMENT	337						
3251 STRUCTURAL CLAY PRODUCTS	1,944	1,311	633				
3281 CUT STONE AND STONE PRODUCTS	97		97				
3291 MISC NONMETALLIC MINERAL PROD	973	927	46				
3314 IRON AND STEEL PRIMARY FORMS	2	2					
3315 IRON, STEEL SHAPES, EXC SHEET	7,406	6,194	1,212				
3316 IRON AND STEEL PLATES, SHEETS	10,367	10,306	59				
3317 IRON AND STEEL PIPE AND TUBE	8,527	7,887	640				
3318 FERROALLOYS	18	18					
3319 IRON AND STEEL PRODUCTS, NEC	2,454	2,287	167				

NORFOLK, VA, DISTRICT

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CHANNEL TO NEWPORT NEWS, VA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
3321 NONFERROUS METALS, NEC-----	146	106	40	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	113	109	4	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	75	55	20	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	704	189	605	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	9,957	6,533	3,247	-----	-----	107	70
3511 MACHINERY, EXCEPT ELECTRICAL-----	46,649	31,743	12,644	-----	210	559	1,493
3611 ELECTRICAL MACH AND EQUIP-----	10,807	9,009	598	-----	-----	400	800
3711 MOTOR VEHICLES, PARTS, EQUIP-----	9,169	5,166	4,003	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	28	28	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	67	49	18	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,065	4,065	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,509	1,392	117	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	793	239	554	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	16,050	16,050	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	1,378	1,378	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	4,450	4,479	171	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,256	1,256	-----	-----	-----	-----	-----
4111 WATER-----	3,500	-----	-----	-----	-----	-----	3,500
4112 COMMODITIES, NEC-----	1,567	245	1,262	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,353	3,353	-----	-----	-----	-----	-----
TOTAL TON-MILES, 125,280,402,							

PORT OF NEWPORT NEWS, VA.
(INCLUDING NEWPORT NEWS CREEK, VA.)

SECTION INCLUDED: LOWER EAST SHORE OF JAMES RIVER FROM MOUTH TO 1.8 MILES, AND PORTION OF NORTH SHORE OF HAMPTON ROADS COVERING APPROXIMATELY 19,000 LINEAR FEET OF WATERFRONT AT NEWPORT NEWS; AND NEWPORT NEWS CREEK.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	11,491,290	92,676	1978-----	7,255,936	64,488
1974-----	17,682,615	85,800	1979-----	11,508,735	76,688
1975-----	17,258,771	63,148	1980-----	20,820,941	96,788
1976-----	13,344,253	69,270	1981-----	18,429,942	80,000
1977-----	8,730,346	128,924	1982-----	20,911,877	-----

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	20,911,877	784,852	18,516,423	71,761	137,076	537,368	658,680	5,717
0103 CORN-----	2,647	2,642	5	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	2	-----	2	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	230	-----	230	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	14,039	7,095	6,944	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	81	66	15	-----	-----	-----	-----	-----
0133 COFFEE-----	447	447	-----	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	917	76	841	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	12	12	-----	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	146,567	146,436	131	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	3,371	3,350	13	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	325	-----	-----	-----	-----	47	-----	283
1011 IRON ORE AND CONCENTRATES-----	275	-----	275	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	1	-----	1	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	207	-----	207	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	10	-----	10	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	18,945,623	-----	18,096,481	-----	133,231	-----	716,111	-----
1311 CRUDE PETROLEUM-----	326,453	326,453	-----	-----	-----	-----	-----	-----
1411 LIMESTONE-----	56	-----	56	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	151,700	-----	17	-----	-----	151,691	-----	-----
1451 CLAY-----	156	52	104	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	275	4	271	-----	-----	-----	-----	-----
2011 ORDNANCE AND ACCESSORIES-----	2	2	-----	-----	-----	-----	-----	-----
2014 MEAT, FRESH, CHILLED, FROZEN-----	40	-----	40	-----	-----	-----	-----	-----
2016 TALLOW, ANIMAL FATS AND OILS-----	5,170	-----	5,170	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	58	38	20	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	1,379	-----	1,379	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	201	161	40	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,163	1,103	60	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	1,652	-----	1,652	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	147	-----	147	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	9,634	-----	9,634	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	4,759	4,674	85	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	79	60	19	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,840	2,435	405	-----	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	10,430	1,330	9,308	-----	-----	-----	-----	-----
2115 BASIC TEXTILE PRODUCTS-----	20,292	4,630	15,662	-----	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	1,698	1,698	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	320	119	201	-----	-----	-----	-----	-----
2421 LUMBER-----	786	351	435	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1982

PORT OF NEWPORT NEWS, VA.
(INCLUDING NEWPORT NEWS CREEK, VA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2431 VENEER, PLYWOOD, WORKED WOOD-----	4,432	4,429	3					
2491 WOOD MANUFACTURES, NEC-----	283	250	33					
2511 FURNITURE AND FIXTURES-----	1,137	741	396					
2611 PULP-----	5,794		5,794					
2631 PAPER AND PAPERBOARD-----	35,582	25,404	10,178					
2691 PULP AND PAPER PRODUCTS, NEC-----	557		557					
2711 PRINTED MATTER-----	304	19	287					
2812 DYES, PIGMENT, TANNING MATS-----	74		74					
2813 ALCOHOLS-----	1		1					
2816 RADIOACTIVE MATERIALS, WASTES-----	215	215						
2819 BASIC CHEMICALS AND PROD, NEC-----	6,632	1,225	5,407					
2821 PLASTIC MATERIALS-----	2,674	414	2,260					
2822 SYNTHETIC RUBBER-----	1,957		1,957					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	4,354	708	3,646					
2831 DRUGS-----	350	42	308					
2841 SOAP-----	214	44	170					
2851 PAINTS-----	579	405	174					
2876 INSECTICIDES, DISINFECTANTS-----	481		481					
2879 FERTILIZER AND MATERIALS, NEC-----	6,447		6,447					
2911 MISCELLANEOUS CHEMICAL PROD-----	2,490	98	2,392					
2911 GASOLINE-----	26,382	26,370	12					
2912 JET FUEL-----	4,029					4,029		
2914 DISTILLATE FUEL OIL-----	66,346				3,645	55,039	9,371	
2915 RESIDUAL FUEL OIL-----	693,234	203,077		71,551		282,479	130,784	5,343
2916 LUBRICATING OILS AND GREASES-----	3,825		2,933			892		
2918 ASPHALT, TAR, AND PITCHES-----	33,022					33,022		
2920 COKE, PETROLEUM COKE-----	236,376		234,862				1,514	
2951 ASPHALT BUILDING MATERIAL-----	50		50					
2991 PETROLEUM AND COAL PROD, NEC-----	6,245	35	30			6,180		
3011 RUBBER AND MISC PLASTIC PROD-----	1,651	699	952					
3111 LEATHER AND LEATHER PRODUCTS-----	162	19	143					
3211 GLASS AND GLASS PRODUCTS-----	543	84	459					
3241 BUILDING CEMENT-----	1		1					
3251 STRUCTURAL CLAY PRODUCTS-----	1,216	74	1,142					
3261 CUT STONE AND STONE PRODUCTS-----	77	77						
3291 MISC NONMETALLIC MINERAL PROD-----	701	38	663					
3314 IRON AND STEEL PRIMARY FORMS-----	2		2					
3315 IRON, STEEL SHAPES, EXC SHEET-----	6,643	674	6,169					
3316 IRON AND STEEL PLATES, SHEETS-----	10,339	59	10,280					
3317 IRON AND STEEL PIPE AND TUBE-----	8,525	640	7,885					
3319 IRON AND STEEL PRODUCTS, NEC-----	2,284	148	2,136					
3321 NONFERROUS METALS, NEC-----	146	40	106					
3322 COPPER ALLOYS, UNWORKED-----	109		109					
3323 LEAD AND ZINC, UNWORKED-----	54	20	34					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	744	567	177					
3411 FABRICATED METAL PRODUCTS-----	8,458	2,646	5,812			142		
3511 MACHINERY, EXCEPT ELECTRICAL-----	43,796	11,047	30,487	210		1,552	500	
3611 ELECTRICAL MACH AND EQUIP-----	9,672	411	8,261			800	400	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	3,415	277	3,138					
3721 AIRCRAFT AND PARTS-----	28		28					
3731 SHIPS AND BOATS-----	41	18	23					
3791 MISC TRANSPORTATION EQUIPMENT-----	4,040		4,040					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	752	14	738					
3911 MISC MANUFACTURED PRODUCTS-----	340	217	123					
4011 IRON AND STEEL SCRAP-----	46		46					
4012 NONFERROUS METAL SCRAP-----	815		815					
4022 TEXTILE WASTE, SCRAP, SHEEP-----	1,208	171	1,117					
4111 WATER-----	3,500					3,500		
4112 COMMODITIES, NEC-----	1,029	794	235					
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,230		3,230					

JAMES RIVER, VA. (CONSOLIDATED REPORT)

SECTION INCLUDED: FROM MOUTH TO RICHMOND, VA., 90.8 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 21.1 FEET, THENCE TO A POINT 700 FEET DOWNSTREAM FROM LOCK, 18.0 FEET. PROJECT DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 35 FEET, THENCE 18 FEET TO THE RICHMOND LOCK. ALL AT MEAN LOW WATER. PROJECT LENGTH: 90.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1973-----	7,805,992	461,674	232,993	1978-----	7,819,573	767,723	389,712
1974-----	7,714,515	513,006	260,246	1979-----	7,918,482	842,267	391,522
1975-----	5,566,000	564,394	260,605	1980-----	7,853,114	915,413	365,379
1976-----	6,192,395	743,333	310,191	1981-----	6,342,269	965,161	384,053
1977-----	6,714,097	760,566	387,834	1982-----	6,070,085	986,914	394,757

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

NORFOLK, VA, DISTRICT

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JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL-----	510,611	109,576	401,035
0103 CORN-----	40		40
0109 OILSEEDS, NEC-----	727		727
0121 TOBACCO, LEAF-----	52,264	41,209	11,055
0131 FRESH FRUITS-----	4		4
0141 FRESH AND FROZEN VEGETABLES-----	524		524
0161 ANIMALS AND PRODUCTS, NEC-----	110		110
0841 CRUDE RUBBER AND ALLIED GUMS-----	29	29	
0861 FOREST PRODUCTS, NEC-----	46	64	
1121 COAL AND LIGNITE-----	1		1
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,943	60	1,923
1451 CLAY-----	20		20
1499 NONMETALLIC MINERALS, NEC-----	1,770		1,770
2015 ANIMAL BY-PRODUCTS, NEC-----	5	5	
2042 ANIMAL FEEDS-----	156		156
2049 GRAIN MILL PRODUCTS, NEC-----	346		346
2062 MOLASSES-----	30		30
2081 ALCOHOLIC BEVERAGES-----	6,106	6,011	95
2092 ANIMAL OILS AND FATS, NEC-----	8	8	
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,113	7	1,106
2111 TOBACCO MANUFACTURES-----	9,057	146	8,911
2211 BASIC TEXTILE PRODUCTS-----	7,109	1,673	5,436
2311 APPAREL-----	138	18	120
2411 LOGS-----	945		945
2421 LUMBER-----	9,469	2,621	6,848
2431 VENEER, PLYWOOD, WORKED WOOD-----	3,324		3,324
2491 WOOD MANUFACTURES, NEC-----	36		36
2511 FURNITURE AND FIXTURES-----	236	45	191
2611 PULP-----	7,416	60	7,356
2631 PAPER AND PAPERBOARD-----	4,946	3,724	1,222
2691 PRINTED MATTER-----	155	7	148
2711 DYES, PIGMENT, TANNING MATS-----			
2819 BASIC CHEMICALS AND PROD, NEC-----	56,472	44,159	12,313
2821 PLASTIC MATERIALS-----	15,796	264	15,532
2822 SYNTHETIC RUBBER-----	4,204		4,204
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,245	16	1,229
2831 DRUGS-----	1,615		1,615
2841 SOAP-----	954	20	934
2851 PAINTS-----	599	552	47
2861 GUM AND WOOD CHEMICALS-----	103		103
2871 NITROGENOUS CHEM FERTILIZERS-----	280,056		280,056
2876 INSECTICIDES, DISINFECTANTS-----	846	16	830
2891 MISCELLANEOUS CHEMICAL PROD-----	1,545	108	1,437
2916 LUBRICATING OILS AND GREASES-----	220		220
2920 COKE, PETROLEUM COKE-----	20		20
2991 PETROLEUM AND COAL PROD, NEC-----	90		90
3011 RUBBER AND MISC PLASTIC PROD-----	710	417	293
3211 GLASS AND GLASS PRODUCTS-----	1,411		1,411
3241 BUILDING CEMENT-----	336		336
3251 STRUCTURAL CLAY PRODUCTS-----	728	559	169
3281 CUT STONE AND STONE PRODUCTS-----	20		20
3291 MISC NONMETALLIC MINERAL PROD-----	272	8	264
3315 IRON, STEEL SHAPES, EXC SHEET-----	543	538	25
3316 IRON AND STEEL PLATES, SHEETS-----	28		28
3317 IRON AND STEEL PIPE AND TUBE-----	2		2
3318 FERROALLOYS-----	18		18
3319 IRON AND STEEL PRODUCTS, NEC-----	170	19	151
3322 COPPER ALLOYS, UNWORKED-----	4	4	
3323 LEAD AND ZINC, UNWORKED-----	21		21
3326 ALUMINUM AND ALLOYS, UNWORKED-----	50	34	12
3411 FABRICATED METAL PRODUCTS-----	1,464	601	863
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,853	1,597	1,256
3611 ELECTRICAL MACH AND EQUIP-----	935	167	768
3711 MOTOR VEHICLES, PARTS, EQUIP-----	5,754	3,726	2,028
3731 SHIPS AND BOATS-----	26		26
3791 MISC TRANSPORTATION EQUIPMENT-----	25		25
3811 INSTR, TIME, PHOTO, OPT GOODS-----	757	103	654
3911 MISC MANUFACTURED PRODUCTS-----	453	337	116
4011 IRON AND STEEL SCRAP-----	16,004		16,004
4012 NONFERROUS METAL SCRAP-----	563		563
4022 TEXTILE WASTE, SCRAP, SHEEP-----	3,362		3,362
4024 PAPER WASTE AND SCRAP-----	1,256		1,256
4112 COMMODITIES, NEC-----	536	484	50
9999 DEPARTMENT OF DEFENSE AND SCI-----	123		123

TON-MILES, FOREIGN, 38,606,968.

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND	DOWNBOUND	THROUGH UPBOUND
TOTAL-----	5,559,474	145,474	51,072	1,290,613	3,432,140	422,025	184,179	33,971
0912 SMELT/FISH, EXCEPT PREPARED-----	510				510			
0931 MARINE SHELLS, UNMANUFACTURED-----	5,842			5,842				
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,530,543			798,175	3,132,102	422,025	174,241	
1493 SULPHUR, LIQUID-----	71,958	71,958						

Waterborne Commerce of the United States, 1982

JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		THROUGH
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND DOWNBOUND	
2010 SULPHURIC ACID-----	42,995	3,055	-----	9,815	30,125	-----
2019 BASIC CHEMICALS AND PROD, NEC-----	84,314	700	-----	81,505	2,109	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	190,373	4,600	51,072	-----	134,501	-----
2079 FERTILIZER AND MATERIALS, NEC-----	6,000	-----	-----	-----	6,000	-----
2911 GASOLINE-----	49,394	-----	-----	17,297	32,097	-----
2913 KEROSENE-----	2,536	-----	-----	-----	2,536	-----
2914 DISTILLATE FUEL OIL-----	146,156	-----	-----	56,928	89,228	5,938
2915 RESIDUAL FUEL OIL-----	295,683	-----	-----	252,877	8,835	33,971
2918 ASPHALT, TAR, AND PITCHES-----	133,135	64,961	-----	68,174	-----	-----
3411 FABRICATED METAL PRODUCTS-----	35	-----	-----	-----	35	-----
TON-MILES, DOMESTIC, 341,344,334.						
TONS, ALL TRAFFIC, 6,070,085.						
TON-MILES, ALL TRAFFIC, 379,971,302.						

PORT OF RICHMOND, VA.
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS SHIPMENTS	
TOTAL-----	1,071,028	67,326	126,945	64,961	603,685 125,769	3,142
0103 CORN-----	40	-----	40	-----	-----	-----
0119 OILSEEDS, NEC-----	605	-----	605	-----	-----	-----
0121 TOBACCO, LEAF-----	50,728	41,209	9,519	-----	-----	-----
0131 FRESH FRUITS-----	6	-----	6	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	403	-----	403	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	63	-----	63	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	29	29	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	66	66	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	1	-----	1	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	424,000	60	1,923	-----	422,025	-----
1451 CLAY-----	20	-----	20	-----	-----	-----
1899 NONMETALLIC MINERALS, NEC-----	1,731	-----	1,731	-----	-----	-----
2019 ANIMAL BY-PRODUCTS, NEC-----	5	5	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	156	-----	156	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	346	-----	346	-----	-----	-----
2062 MOLASSES-----	30	-----	30	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	6,075	6,011	64	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	0	-----	0	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,115	7	1,108	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	8,940	146	8,794	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	6,704	1,675	5,031	-----	-----	-----
2311 APPAREL-----	130	18	120	-----	-----	-----
2411 LOGS-----	945	-----	945	-----	-----	-----
2421 LUMBER-----	9,080	2,621	6,467	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	3,264	-----	3,264	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	36	-----	36	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	202	45	157	-----	-----	-----
2611 PULP-----	7,219	60	7,159	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	4,946	3,724	1,222	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	166	20	166	-----	-----	-----
2711 PRINTED MATTER-----	143	7	136	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	1	-----	1	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	13,077	1,909	11,168	-----	-----	-----
2821 PLASTIC MATERIALS-----	14,390	264	14,126	-----	-----	-----
2822 SYNTHETIC RUBBER-----	3,899	-----	3,899	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,169	16	1,153	-----	-----	-----
2831 DRUGS-----	1,564	-----	1,564	-----	-----	-----
2841 SOAP-----	890	20	870	-----	-----	-----
2851 PAINTS-----	599	552	47	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	103	-----	103	-----	-----	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	13,304	-----	13,304	-----	-----	-----
2076 INSECTICIDES, DISINFECTANTS-----	745	16	749	-----	-----	-----
2091 MISCELLANEOUS CHEMICAL PROD-----	1,545	108	1,437	-----	-----	-----
2911 GASOLINE-----	48,164	-----	-----	-----	16,067 32,097	-----
2913 KEROSENE-----	2,536	-----	-----	-----	-----	2,536
2914 DISTILLATE FUEL OIL-----	128,475	-----	-----	-----	43,032 82,301	3,142
2915 RESIDUAL FUEL OIL-----	143,222	-----	-----	-----	134,387 8,835	-----
2916 LUBRICATING OILS AND GREASES-----	220	-----	220	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	133,135	-----	-----	64,961	68,174	-----
2920 COKE, PETROLEUM COKE-----	20	-----	20	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	90	90	-----	-----	-----	-----
3011 RUBBER AND MISCELLANEOUS PLASTIC PROD-----	700	417	292	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,411	-----	1,411	-----	-----	-----
3241 BUILDING CEMENT-----	336	-----	336	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	728	559	169	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	20	20	-----	-----	-----	-----
3291 MISCELLANEOUS NONMETALLIC MINERAL PROD-----	272	8	264	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	563	538	25	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	20	-----	20	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	2	-----	2	-----	-----	-----
3318 FERRONALLOYS-----	18	-----	18	-----	-----	-----

NORFOLK, VA, DISTRICT

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PORT OF RICHMOND, VA.
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS	
3319 IRON AND STEEL PRODUCTS, NEC-----	170	19	151	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	4	4	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	21	-----	21	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	50	3A	12	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	1,437	401	836	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,722	1,547	1,125	-----	-----	-----	-----
3611 ELECTRICAL MACH. AND EQUIP-----	850	-----	850	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	5,597	3,724	1,871	-----	-----	-----	-----
3791 SHIPS AND BOATS-----	26	-----	26	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	25	-----	25	-----	-----	-----	-----
3811 INSTR. TIME, PHOTO, OPT GOODS-----	713	103	610	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	453	337	116	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	16,004	-----	16,004	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	563	-----	563	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	2,803	-----	2,803	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,123	-----	1,123	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	530	8A	50	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	123	-----	123	-----	-----	-----	-----

JAMES RIVER BELOW RICHMOND, VA.
(INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		
		IMPORTS	EXPORTS	THROUGH		COASTWISE		THROUGH UPBOUND
				UPBOUND	DOWNBOUND	RECEIPTS	SHIPMENTS	
TOTAL-----	707,157	42,250	274,090	67,326	126,945	80,513	51,072	64,961
0103 CORN-----	40					40		
0119 OILSEEDS, NEC-----	727		122			605		
0121 TOBACCO, LEAF-----	52,264		1,536	41,209	9,519			
0131 FRESH FRUITS-----	4					4		
0141 FRESH AND FROZEN VEGETABLES-----	524		121			403		
0161 ANIMALS AND PRODUCTS, NEC-----	110		27			83		
0841 CRUDE RUBBER AND ALLIED GUMS-----	29			29				
0841 FOREST PRODUCTS, NEC-----	66			66				
1121 COAL AND LIGNITE-----	1					1		
1402 SAND, GRAVEL, CRUSHED ROCK-----	1,963			60	1,923			
1451 CLAY-----	20					20		
1493 SULPHUR, LIQUID-----	71,958					71,958		
1499 NONMETALLIC MINERALS, NEC-----	1,770		39		1,731			
2015 ANIMAL BY-PRODUCTS, NEC-----	5			5				
2042 ANIMAL FEEDS-----	156				156			
2049 GRAIN MILL PRODUCTS, NEC-----	346				346			
2062 MOLASSES-----	30				30			
2061 ALCOHOLIC BEVERAGES-----	6,106		31	6,011	64			
2092 ANIMAL OILS AND FATS, NEC-----	8			8				
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,113			7	1,106			
2111 TOBACCO MANUFACTURES-----	9,057		117	146	8,794			
2211 BASIC TEXTILE PRODUCTS-----	7,109		405	1,673	5,031			
2311 APPAREL-----	130			18	120			
2411 LBS-----	945				945			
2421 LUMBER-----	9,469		381	2,621	6,467			
2431 VENEER, PLYWOOD, WORKED WOOD-----	3,324		60		3,264			
2491 WOOD MANUFACTURES, NEC-----	36				36			
2511 FURNITURE AND FIXTURES-----	236		34	45	157			
2611 PULP-----	7,416		197	60	7,159			
2631 PAPER AND PAPERBOARD-----	4,946			3,724	1,222			
2691 PULP AND PAPER PRODUCTS, NEC-----	186			20	166			
2711 PRINTED MATTER-----	155		12	7	136			
2812 DYES, PIGMENT, TANNING MATS-----	1							
2816 SULPHURIC ACID-----	3,055					3,055		
2819 BASIC CHEMICALS AND PROD, NEC-----	97,172	42,250	1,145	1,900	11,164	700		
2821 PLASTIC MATERIALS-----	15,796		1,406	264	14,126			
2822 SYNTHETIC RUBBER-----	4,284		385		3,899			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,245		76	14	1,153			
2831 DRUGS-----	1,615		51		1,564			
2841 SOAP-----	954		64	20	870			
2851 PAINTS-----	599			552	47			
2861 GUM AND WOOD CHEMICALS-----	103				103			
2871 NITROGENOUS CHEM FERTILIZERS-----	335,928		266,752		13,304	4,400	51,472	
2876 INSECTICIDES, DISINFECTANTS-----	846		81	16	749			
2891 MISCELLANEOUS CHEMICAL PROD-----	1,509			108	1,437			
2916 LUBRICATING OILS AND GREASES-----	220				220			
2918 ASPHALT, TAR, AND PITCHES-----	64,961							64,961
2920 COKE, PETROLEUM COKE-----	20				20			
2991 PETROLEUM AND COAL PROD, NEC-----	90			90				
3011 RUBBER AND MISC PLASTIC PROD-----	710		1	417	292			
3211 GLASS AND GLASS PRODUCTS-----	1,411				1,411			
3241 BUILDING CEMENT-----	336				336			
3251 STRUCTURAL CLAY PRODUCTS-----	728			540	169			
3261 CUT STONE AND STONE PRODUCTS-----	20		20					
3291 MISC NONMETALLIC MINERAL PROD-----	272			8	264			
3319 IRON, STEEL SHAPES, ETC SHEET-----	563			538	25			

Waterborne Commerce of the United States, 1982

JAMES RIVER BELOW RICHMOND, VA.
(INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH UPBOUND
				UPBOUND	DOWNBOUND			
3316 IRON AND STEEL PLATES, SHEETS-----	28				28			
3317 IRON AND STEEL PIPE AND TUBE-----	2				2			
3318 FERROALLOYS-----	18				18			
3319 IRON AND STEEL PRODUCTS, NEC-----	170			19	151			
3322 COPPER ALLOYS, UNWORKED-----	4			4				
3323 LEAD AND ZINC, UNWORKED-----	21				21			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	50			50	12			
3411 FABRICATED METAL PRODUCTS-----	1,464		27	601	836			
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,853		131	1,597	1,125			
3611 ELECTRICAL MACH AND EQUIP-----	935		76	107	672			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	5,754		157	3,726	1,871			
3721 SHIPS AND BOATS-----	26				26			
3791 MISC TRANSPORTATION EQUIPMENT-----	25				25			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	757		44	103	610			
3911 MISC MANUFACTURED PRODUCTS-----	453			337	116			
4011 IRON AND STEEL SCRAP-----	16,004				16,004			
4012 NONFERROUS METAL SCRAP-----	565				565			
4022 TEXTILE WASTE, SCRAP, SHEEP-----	3,562		479		2,885			
4024 PAPER WASTE AND SCRAP-----	1,256		133		1,125			
4112 COMMODITIES, NEC-----	558			488	50			
9999 DEPARTMENT OF DEFENSE AND SCI-----	123				123			
TON-MILES, OCEANGOING, 53,812,884.								

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			
					UPBOUND		DOWNBOUND	
TOTAL-----	5,359,786	1,020,953	2,796	422,025	3,300,167	178,241	295,631	122,973
0912 SHELLFISH, EXCEPT PREPARED-----	918				918			
0931 MARINE SHELLS, UNMANUFACTURED-----	5,042	5,042						
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,538,543	790,175		422,025	3,152,102	178,241		
2010 SULPHURIC ACID-----	39,440	9,815			30,125			
2819 BASIC CHEMICALS AND PROD, NEC-----	83,614	81,505			2,109			
2871 NITROGENOUS CHEM FERTILIZERS-----	134,501				134,501			
2879 FERTILIZER AND MATERIALS, NEC-----	6,000				6,000			
2911 GASOLINE-----	49,399	1,230					16,067	32,097
2913 KEROSENE-----	2,536							2,536
2914 DISTILLATE FUEL OIL-----	143,014	13,846	2,796		3,785		43,032	79,565
2915 RESIDUAL FUEL OIL-----	295,683	110,490					166,358	8,835
2918 ASPHALT, TAR, AND PITCHES-----	68,174						68,174	
2911 FABRICATED METAL PRODUCTS-----	35				35			
TON-MILES, INTERNAL, 324,954,066.								
TONS, ALL TRAFFIC, 6,006,943.								
TON-MILES, ALL TRAFFIC, 377,966,170.								

PORT OF HOPEWELL, VA.
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)

SECTION INCLUDED: SOUTH SIDE OF JAMES RIVER, FROM CITY POINT, AT MOUTH OF APPOMATTOX RIVER, 2.0 MILES DOWNSTREAM TO THE MOUTH OF
BAILEYS CREEK. CONTROLLING DEPTH: 25.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,096,968	1978-----	1,206,507
1974-----	1,196,622	1979-----	1,189,425
1975-----	1,233,679	1980-----	1,265,320
1976-----	1,491,251	1981-----	1,015,424
1977-----	1,111,457	1982-----	824,010

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	824,010	42,250	274,090	80,513	51,072	199,565	176,520
0119 OILSEEDS, NEC-----	122		122				
0121 TOBACCO, LEAF-----	1,536		1,536				
0141 FRESH AND FROZEN VEGETABLES-----	121		121				
0161 ANIMALS AND PRODUCTS, NEC-----	27		27				
1403 SULPHUR, LIQUID-----	71,958			71,958			

NORFOLK, VA, DISTRICT

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PORT OF HOPEWELL, VA.
(INCLUDED IN JAMES RIVER, VA., CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
1499 NONMETALLIC MINERALS, NEC-----	39		39				
2001 ALCOHOLIC BEVERAGES-----	31		31				
2111 TOBACCO MANUFACTURES-----	117		117				
2211 BASIC TEXTILE PRODUCTS-----	405		405				
2421 LUMBER-----	381		381				
2431 VENEER, PLYWOOD, WORKED WOOD-----	60		60				
2511 FURNITURE AND FIXTURES-----	34		34				
2611 PULP-----	197		197				
2711 PRINTED MATTER-----	12		12				
2810 SULPHURIC ACID-----	42,995			1,055		9,815	30,125
2819 BASIC CHEMICALS AND PROD, NEC-----	127,709	42,250	1,145	700		81,405	2,109
2821 PLASTIC MATERIALS-----	1,406		1,406				
2822 SYNTHETIC RUBBER-----	385		385				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	76		76				
2831 DRUGS-----	51		51				
2841 SOAP-----	64		64				
2871 NITROGENOUS CHEM FERTILIZERS-----	457,125		266,752	4,800	51,072		134,501
2876 INSECTICIDES, DISINFECTANTS-----	81		81				
2879 FERTILIZER AND MATERIALS, NEC-----	6,000						6,000
2911 GASOLINE-----	1,230					1,230	
2914 DISTILLATE FUEL OIL-----	20,174					16,389	3,785
2915 RESIDUAL FUEL OIL-----	90,626					90,626	
3011 RUBBER AND MISC PLASTIC PROD-----	1		1				
3411 FABRICATED METAL PRODUCTS-----	27		27				
3511 MACHINERY, EXCEPT ELECTRICAL-----	131		131				
3611 ELECTRICAL MACH AND EQUIP-----	76		76				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	157		157				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	44		44				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	479		479				
4024 PAPER WASTE AND SCRAP-----	133		133				

HAMPTON CREEK, VA.

SECTION INCLUDED: FROM THE CHANNEL ENTRANCE NEAR OLD POINT, VA., ACROSS HAMPTON BAR FLATS AND UP HAMPTON CREEK TO THE QUEEN STREET BRIDGE, A DISTANCE OF APPROXIMATELY 2.8 MILES. CONTROLLING DEPTH: 12.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 2.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	509,966	1,700	1978-----	338,544	
1974-----	477,308	1,660	1979-----	347,739	
1975-----	348,346	616	1980-----	433,002	
1976-----	293,710		1981-----	350,558	
1977-----	298,078		1982-----	343,370	

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	UPBOUND
TOTAL-----	383,370	362,181	1,189
0912 SHELLFISH, EXCEPT PREPARED-----	1,244	55	1,189
1442 SAND, GRAVEL, CRUSHED ROCK-----	351,161	351,161	
2911 GASOLINE-----	496	496	
2915 KEROSENE-----	573	573	
2914 DISTILLATE FUEL OIL-----	29,496	29,496	
TOTAL TON-MILES, 1,139,542.			

APPOMATTOX RIVER, VA.

SECTION INCLUDED: FROM MOUTH TO PETERSBURG, VIRGINIA, 11.0 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO MILE POINT 7.4, 6 FEET, THENCE TO MILE POINT 8.5, 2.8 FEET, THENCE TO MILE POINT 11.0, 1.6 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	*	1978-----	870,444
1974-----	*	1979-----	761,269
1975-----	*	1980-----	1,153,566
1976-----	278,949	1981-----	835,031
1977-----	618,445	1982-----	832,146

* NO COMMERCE REPORTED

Waterborne Commerce of the United States, 1982

APPOMATTOX RIVER, VA.--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	832,146	33,071	798,175
1442 SAND, GRAVEL, CRUSHED ROCK-----	798,175	-----	798,175
2915 RESIDUAL FUEL OIL-----	33,071	33,071	-----
TOTAL TON-MILES, 7,251,517.			

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA
GREAT BRIDGE LOCK ROUTE

SECTION INCLUDED: NORFOLK, VA., NORTH CAROLINA LINE. CONTROLLING DEPTH: 12.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 33.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	1,371,716	146	1978-----	1,369,239	226
1974-----	1,116,231	110	1979-----	1,313,137	252
1975-----	1,167,187	238	1980-----	1,316,022	602
1976-----	1,576,292	145	1981-----	1,437,045	540
1977-----	1,224,332	638	1982-----	1,134,390	600

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH	OUTBOUND	THROUGH	INBOUND	THROUGH	OUTBOUND
		NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	1,134,390	35,092	5,799	25,708	419,983	446,317	201,491
0102 BARLEY AND RYE-----	1,289	-----	-----	-----	1,289	-----	-----
0103 CORN-----	65,661	-----	-----	12,838	52,823	-----	-----
0107 WHEAT-----	35,701	-----	-----	6,016	29,685	-----	-----
0111 SOYBEANS-----	61,250	-----	-----	6,852	54,398	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	38	-----	-----	-----	38	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	14	-----	-----	-----	14	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	10,632	-----	-----	-----	-----	-----	10,632
1442 SAND, GRAVEL, CRUSHED ROCK-----	305,112	-----	-----	-----	305,112	-----	-----
2061 SUGAR-----	11,385	11,385	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	3,600	-----	-----	-----	3,600	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	67,683	-----	-----	-----	67,683	-----	-----
2491 WOOD MANUFACTURES, NEC-----	41	-----	-----	-----	41	-----	-----
2611 PULP-----	94,994	-----	-----	-----	94,994	-----	-----
2631 PAPER AND PAPERBOARD-----	59,170	-----	-----	-----	59,170	-----	-----
2810 SODIUM HYDROXIDE-----	2,703	2,703	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	7,008	4,360	-----	-----	2,648	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	15,970	-----	-----	-----	15,970	-----	-----
2911 GASOLINE-----	7,751	-----	-----	-----	7,751	-----	-----
2912 JET FUEL-----	146,811	-----	-----	-----	141,203	5,608	-----
2914 DISTILLATE FUEL OIL-----	2,275	-----	-----	-----	-----	2,275	-----
2915 RESIDUAL FUEL OIL-----	59,974	-----	-----	-----	-----	59,974	-----
2918 ASPHALT, TAR, AND PITCHES-----	1,980	-----	-----	-----	1,980	-----	-----
2920 COKE, PETROLEUM COKE-----	21,620	-----	-----	-----	-----	21,620	-----
3312 SLAG-----	5,000	-----	5,000	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	85,282	-----	-----	-----	21,626	63,656	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,818	-----	-----	-----	-----	1,818	-----
3317 IRON AND STEEL PIPE AND TUBE-----	700	-----	-----	-----	-----	700	-----
3318 FERROALLOYS-----	5,392	-----	-----	-----	5,392	-----	-----
3411 FABRICATED METAL PRODUCTS-----	1,746	1,412	-----	-----	366	-----	20
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,373	1,910	770	-----	500	-----	193
3611 ELECTRICAL MACH AND EQUIP-----	1,302	800	-----	-----	17	-----	485
3721 AIRCRAFT AND PARTS-----	101	-----	29	-----	-----	2	70
3731 SHIPS AND BOATS-----	12,522	12,522	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	28,752	-----	-----	-----	-----	28,752	-----
4024 PAPER WASTE AND SCRAP-----	1,505	-----	-----	-----	-----	1,505	-----
4112 COMMODITIES, NEC-----	4,183	-----	-----	-----	-----	4,183	-----
TOTAL TON-MILES, 21,181,629.							

NORFOLK, VA, DISTRICT

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BLACKWATER RIVER, VA.

SECTION INCLUDED: MOUTH OF RIVER TO FRANKLIN, VA., 13.1 MILES VIA TWO CUTOFFS, CONTROLLING DEPTH: 7 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 13.1 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	260,809	1978-----	317,013
1974-----	217,988	1979-----	301,590
1975-----	215,125	1980-----	270,812
1976-----	265,078	1981-----	284,261
1977-----	254,536	1982-----	278,060

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL
	INBOUND
2415 PULPHOOD, LOG-----	278,060
TOTAL TON-MILES, 3,614,780.	

YORK RIVER, VA.

SECTION INCLUDED: FROM THE MOUTH TO WEST POINT, VA., A DISTANCE OF 33.75 MILES, INCLUDING THE SOUTHERN AND WESTERN SHORELINE OF THE TOWN OF WEST POINT. CONTROLLING DEPTH: 17.4 FEET TO WEST POINT, 33 MILES ABOVE THE MOUTH. PROJECT DEPTH: 22 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 33.75 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	6,009,883	-----	1978-----	9,632,000	820
1974-----	5,675,112	300	1979-----	7,891,260	1,745
1975-----	7,074,721	470	1980-----	7,278,620	2,553
1976-----	9,639,398	2,000	1981-----	5,568,714	2,800
1977-----	9,794,874	1,727	1982-----	4,777,714	2,199

FREIGHT TRAFFIC, 1982

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL-----	2,371,824	2,330,706	41,118
1311 CRUDE PETROLEUM-----	2,102,766	2,102,766	-----
2411 LOGS-----	4,662	-----	4,662
2611 PULP-----	28,868	-----	28,868
2631 PAPER AND PAPERBOARD-----	7,568	-----	7,568
2915 RESIDUAL FUEL OIL-----	227,940	227,940	-----
TON-MILES, FOREIGN, 18,974,592.			

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		THROUGH	
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL-----	2,405,890	217,863	1,063,066	446,701	517,609	96	36,320
0102 BARLEY AND RYE-----	15,468	-----	-----	-----	-----	-----	15,468
0103 CORN-----	47,693	-----	-----	-----	-----	-----	47,693
0107 WHEAT-----	14,179	-----	-----	-----	-----	-----	14,179
0111 SOYBEANS-----	37,381	-----	-----	-----	-----	-----	37,381
0911 FRESH FISH, EXCEPT SHELLFISH-----	60	-----	-----	-----	60	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	13,895	-----	-----	-----	1,061	96	12,734
1311 CRUDE PETROLEUM-----	34,369	15,985	-----	18,384	-----	-----	-----
2411 LOGS-----	4,669	-----	-----	-----	4,669	-----	-----
2415 PULPHOOD, LOG-----	42,842	-----	-----	42,842	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	195,101	-----	-----	195,101	-----	-----	-----
2617 BENZENE AND TOLUENE-----	22,631	6,195	-----	16,436	-----	-----	-----
2671 NITROGENOUS CHEM FERTILIZERS-----	9,514	-----	-----	-----	-----	-----	9,514
2911 GASOLINE-----	746,173	-----	720,228	-----	65,945	-----	-----
2912 JET FUEL-----	260,031	48,082	-----	65,625	146,324	-----	-----
2913 KEROSENE-----	3,534	-----	1,728	-----	1,806	-----	-----
2914 DISTILLATE FUEL OIL-----	494,309	7,086	341,040	8,285	117,971	-----	20,067
2915 RESIDUAL FUEL OIL-----	423,489	140,595	-----	99,596	179,723	-----	3,575
2916 LUBRICATING OILS AND GREASES-----	409	-----	-----	409	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	16	-----	-----	16	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	70	-----	70	-----	-----	-----	-----

Waterborne Commerce of the United States, 1982

YORK RIVER, VA.--CONTINUED
 FREIGHT TRAFFIC, 1982--CONTINUED
 DOMESTIC--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL					
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
3611 ELECTRICAL MACH AND EQUIP-----	7	-----	-----	7	-----	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	50	-----	-----	-----	50	-----	-----	-----	-----
TON-MILES, DOMESTIC,	22,796,619.								
TONS, ALL TRAFFIC,	4,777,714.								
TON-MILES, ALL TRAFFIC,	41,776,611.								

NORFOLK, VA, DISTRICT

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WITHIN HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILLS	PASSENGERS
PROJECT				
ABERDEEN CREEK, VA.,-----	NO COMMERCE REPORTED			
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JAMES RIVER, FLA. (NORFOLK DISTRICT)				
DISMAL SWAMP AND PASQUOTANK RIVER-----	0102 BARLEY AND RYE-----	1,289		
	0103 CORN-----	39,950		
	0107 WHEAT-----	24,354		
	0111 SOYBEANS-----	42,537		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	3A		
	0912 SHELLFISH, EXCEPT PREPARED-----	14		
	1499 NONMETALLIC MINERALS, NEC-----	407		
	2415 PULPMOOD, LOG-----	67,358		
	2416 WOOD CHIPS, STAVES, MOLTINGS-----	67,683		
	TOTAL-----	247,723	5,117,526	
BEACH CREEK, VA.,-----	NO COMMERCE REPORTED			
BRUAD CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2		
	0912 SHELLFISH, EXCEPT PREPARED-----	515		
	TOTAL-----	517	517	
CAPE CHARLES CITY HARBOR, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	3,729		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	74,986		
	2914 DISTILLATE FUEL OIL-----	67		
	2915 RESIDUAL FUEL OIL-----	505		
	3291 MISC NONMETALLIC MINERAL PROD-----	2,422		
	4112 COMMODITIES, NEC-----	31		
	TOTAL-----	81,734	245,214	2,180
CARTERS CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	758		
	2914 DISTILLATE FUEL OIL-----	435		
	TOTAL-----	1,193	1,193	
CHANNEL CONNECTING YORK RIVER, VA., WITH RACK CREEK TO SLIGHTS WHARF, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	276	552	
CHANNEL FROM PHOENIX, VA. TO DEEP WATER IN HAMPTON ROADS, VA.,	NO COMMERCE REPORTED			
CHESAONESSEX CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	73		
	0912 SHELLFISH, EXCEPT PREPARED-----	130		
	TOTAL-----	203	609	
CHINCOTEAGUE BAY, MD. AND VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	165		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,259		
	TOTAL-----	2,422	27,663	1,788
CHINCOTEAGUE HARBOR OF REFUGE, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	380		
CRANES CREEK, VA.,-----	NO COMMERCE REPORTED			
DAVIS CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	10		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,572		
	TOTAL-----	1,582	1,582	
DEEP CREEK, ACCOMACK COUNTY, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	154	479	
DEEP CREEK, NEWPORT NEWS, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	510	1,020	
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION--	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,105		
	0912 SHELLFISH, EXCEPT PREPARED-----	14,159		
	TOTAL-----	15,264	1,057,613	7,188
DYMENS CREEK, VA.,-----	NO COMMERCE REPORTED			
GREENVALE CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	52	52	
HORN HARBOR, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	94	294	
HOBKINS CREEK, VA.,-----	0102 BARLEY AND RYE-----	3,752		
	0103 CORN-----	31,401		
	0107 WHEAT-----	13,504		
	0111 SOYBEANS-----	6,999		
	TOTAL-----	55,660	55,660	
JACKSON CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	31	31	240
KINGS CREEK, NORTHAMPTON COUNTY, VA.,-----				870
LAFAYETTE RIVER, VA.,-----	NO COMMERCE REPORTED			
LITTLE MACHPONGO RIVER, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	2,651	5,302	
LITTLE RIVER (CREEK), VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	60		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	181,504		
	2914 DISTILLATE FUEL OIL-----	25,103		
	TOTAL-----	206,667	206,667	
LOCKLIES CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	164	164	6,680

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA,-----	2915 RESIDUAL FUEL OIL-----	1,987	-----	-----
	2991 PETROLEUM AND COAL PROD, NEC-----	1,700	-----	-----
	TOTAL-----	3,687	5,387	600
MATTAPONI RIVER, VA,-----	NO COMMERCE REPORTED			
MEHERRIN RIVER, N. C.,-----	NO COMMERCE REPORTED			
MILFORD HAVEN, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	292	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	2,147	-----	-----
	0931 MARINE SHELLS, UNMANUFACTURED-----	7,144	-----	-----
	TOTAL-----	9,623	17,437	-----
MILL CREEK, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	75	75	-----
MULBERRY CREEK, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	12	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	174	-----	-----
	TOTAL-----	190	190	-----
NANJUA CREEK, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	52	208	-----
NANJEMOND RIVER, VA,-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	124,832	2,122,144	-----
NEWPORT NEWS CREEK, VA, (INCLUDED IN PORT OF NEWPORT NEWS, VA.)-----	0912 SHELLFISH, EXCEPT PREPARED-----	325	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	134,313	-----	-----
	2914 DISTILLATE FUEL OIL-----	21,279	-----	-----
	TOTAL-----	159,917	159,917	-----
OCCOHANNOCK CREEK, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	35	210	-----
ONANCOCK RIVER, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	90	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	163	-----	-----
	2911 GASOLINE-----	4,631	-----	-----
	2913 KEROSENE-----	1,164	-----	-----
	2914 DISTILLATE FUEL OIL-----	11,281	-----	-----
	TOTAL-----	17,329	86,432	-----
OYSTER CHANNEL, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	424	424	-----
PAGAN RIVER, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	90	180	-----
PANUNKEY RIVER, VA,-----	0102 BARLEY AND RYE-----	15,468	-----	-----
	0103 CORN-----	47,693	-----	-----
	0107 WHEAT-----	14,179	-----	-----
	0111 SOYBEANS-----	37,381	-----	-----
	2871 NITROGENOUS CHEM FERTILIZERS-----	9,514	-----	-----
	TOTAL-----	124,235	248,470	-----
PARKER CREEK, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	157	157	-----
PARROTT'S CREEK, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	43	43	-----
QUEENS CREEK, VA,-----	NO COMMERCE REPORTED			
QUINCY CREEK, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	716	-----	-----
	TOTAL-----	723	723	840
RAPPANNOCK RIVER, VA,-----	0102 BARLEY AND RYE-----	3,752	-----	-----
	0103 CORN-----	31,401	-----	-----
	0107 WHEAT-----	13,508	-----	-----
	0111 SOYBEANS-----	6,999	-----	-----
	0911 FRESH FISH, EXCEPT SHELLFISH-----	597	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	8,579	-----	-----
	0913 MENHADEN-----	304	-----	-----
	2415 PULPHOOD, LOG-----	11,382	-----	-----
	2914 DISTILLATE FUEL OIL-----	435	-----	-----
	TOTAL-----	76,957	2,686,137	6,680
STARLINGS CREEK, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	927	927	-----
TANSIER CHANNEL, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,667	-----	-----
	2911 GASOLINE-----	407	-----	-----
	2913 KEROSENE-----	338	-----	-----
	2914 DISTILLATE FUEL OIL-----	1,312	-----	-----
	4112 COMMODITIES, NEC-----	5	-----	-----
	TOTAL-----	3,729	3,729	1,410
TOTUSKEY CREEK, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6	-----	-----
	2415 PULPHOOD, LOG-----	11,382	-----	-----
	TOTAL-----	11,388	45,558	-----
TYLERS BEACH, VA,-----	NO COMMERCE REPORTED			
UNDAUNA CREEK, VA,-----	NO COMMERCE REPORTED			
WILLOUGHBY CHANNEL, VA,-----	0912 SHELLFISH, EXCEPT PREPARED-----	65	130	-----

NORFOLK, VA, DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILES	PASSENGERS
PROJECT--CONTINUED				
WINTER HARBOR, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	10	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	265	-----	-----
	TOTAL-----	275	275	-----
WISBART POINT CHANNEL, VA,-----	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1982

WILMINGTON, NC, DISTRICT

CHOWAN RIVER, N. C.

SECTION INCLUDED: FROM THE MOUTH AT EDENTON, N.C. TO ITS HEAD FORMED BY THE JUNCTIONS OF THE BLACKWATER AND NOTTOWAY RIVERS, 52 MILES.
 CONTROLLING DEPTH: 11 FEET. PROJECT DEPTH: 12 FEET DEEP, 80 FEET WIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	261,845	1978-----	320,171
1974-----	221,219	1979-----	303,196
1975-----	217,600	1980-----	273,229
1976-----	267,727	1981-----	286,675
1977-----	257,569	1982-----	262,536

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		OUTBOUND	DOWNBOUND	THROUGH UPBOUND
TOTAL-----	262,536	44,926	2,902	234,628
0911 FRESH FISH, EXCEPT SHELLFISH-----	4,469	1,491	2,978	-----
0912 SHELLFISH, EXCEPT PREPARED-----	7	3	4	-----
2415 FUEL OIL, LOG-----	278,060	43,432	-----	234,628
TOTAL TON-MILES, 12,911,839.				

PAMLICO AND TAR RIVERS, N. C.

SECTION INCLUDED: FROM 14 MILES BELOW WASHINGTON ON PAMLICO RIVER, TO LITTLE FALLS, 83 MILES ABOVE WASHINGTON ON TAR RIVER, A TOTAL DISTANCE OF 97 MILES. CONTROLLING DEPTH: 10.3 FEET TO WASHINGTON, 6.0 FEET FROM WASHINGTON TO HARDEE CREEK; BRANCH CHANNELS RANGE FROM 1 TO 6 FEET. PROJECT DEPTH: 12 FEET TO HARDEE CREEK, 6 FEET TO GREENVILLE, AND 20 INCHES TO TARBORO, THENCE TO CLEAR NATURAL CHANNEL ABOVE TARBORO TO LITTLE FALLS. ALL AT MEAN LOW WATER. NAVIGATION SEASON: NAVIGABLE TO GREENVILLE THE ENTIRE YEAR; ABOVE GREENVILLE DURING FRESHET STAGES, WHICH PREVAIL FOR 4 TO 6 MONTHS DURING THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	324	1978-----	1,269,750
1974-----	27,549	1979-----	1,321,301
1975-----	60,804	1980-----	846,583
1976-----	772,663	1981-----	1,293,610
1977-----	1,172,028	1982-----	1,457,050

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH UPBOUND
TOTAL-----	1,457,050	695,310	760,248	2,024
0911 FRESH FISH, EXCEPT SHELLFISH-----	312	-----	-----	311
0912 SHELLFISH, EXCEPT PREPARED-----	1,980	-----	-----	1,713
1403 SULPHUR, LIQUID-----	635,250	635,250	-----	267
2819 BASIC CHEMICALS AND PROD, NEC-----	55,000	-----	55,000	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	2,648	-----	2,648	-----
2879 FERTILIZER AND MATERIALS, NEC-----	702,600	-----	702,600	-----
2915 RESIDUAL FUEL OIL-----	60,060	60,060	-----	-----
TOTAL TON-MILES, 36,594,550.				

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
 THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)

SECTION INCLUDED: ATLANTIC INTRACOASTAL WATERWAY, VIRGINIA STATE LINE TO SOUTH CAROLINA STATE LINE, INCLUDING WATERWAY TO JACKSONVILLE, N. C. CONTROLLING DEPTH: 9 FEET THROUGH THE WATERWAY AND 09 FEET TO JACKSONVILLE, N. C. PROJECT DEPTH: 12 FEET, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	2,435,030	75,646	1978-----	3,620,049	77,342
1974-----	2,606,000	56,544	1979-----	3,719,199	28,318
1975-----	2,635,940	96,010	1980-----	2,603,366	35,006
1976-----	2,975,015	153,944	1981-----	2,751,575	15,514
1977-----	3,343,634	62,003	1982-----	2,204,714	65,370

WILMINGTON, NC, DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)--CONTINUED

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE	
		THROUGH	
		SHIPMENTS	NORTHBOUND SOUTHBOUND
TOTAL-----	40,242	40	39,403 799
2001 SUGAR-----	11,305		11,305
2010 SODIUM HYDROXIDE-----	2,703		2,703
2013 ALCOHOLS-----	4,101		4,101
2071 NITROGENOUS CHEM FERTILIZERS-----	4,360		4,360
3411 FABRICATED METAL PRODUCTS-----	1,412		1,412
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,000		2,120 770
3611 ELECTRICAL MACH AND EQUIP-----	800		800
3721 AIRCRAFT AND PARTS-----	69	40	29
3731 SHIPS AND BOATS-----	12,522		12,522
TON-MILES, OCEANGOING, 11,250,971.			

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND		OUTBOUND		THROUGH	NORTHBOUND	SOUTHBOUND	INBOUND	OUTBOUND	THROUGH
			NORTHBOUND	NORTHBOUND	NORTHBOUND	NORTHBOUND				SOUTHBOUND	SOUTHBOUND	SOUTHBOUND
TOTAL-----	2,164,474	1,007	4,162	12,025	1,142,016	3,177	27,240	1,225	972,014			
0102 BARLEY AND RYE-----	1,289				1,289							
0103 CORN-----	52,023			3,059	48,964							
0107 WHEAT-----	29,663				29,663							
0111 SOYBEANS-----	54,398			7,762	46,636							
0011 FRESH FISH, EXCEPT SHELLFISH-----	44,232	1,020	1,100	400	8,053	1,470	21,301	307	10,302			
0012 SHELLFISH, EXCEPT PREPARED-----	14,134	770	2,974		5,313	1,690	5,753	856	1,761			
0013 MENHADEN-----	9,348						5,104	62	4,182			
1001 NONFERROUS ORES, CONCENT, NEC-----	10,632								10,632			
1403 SULPHUR, LIQUID-----	635,250				635,250							
1409 NONMETALLIC MINERALS, NEC-----	1,437				1,437							
2099 MISCELLANEOUS FOOD PRODUCTS-----	12,931				12,931							
2211 BASIC TEXTILE PRODUCTS-----	1,130				1,130							
2410 WOOD CHIPS, STAVES, HOLDINGS-----	67,603				67,603							
2491 WOOD MANUFACTURES, NEC-----	41				41							
2611 PULP-----	94,994				94,994							
2631 PAPER AND PAPERBOARD-----	59,170				59,170							
2810 BASIC CHEMICALS AND PROD, NEC-----	55,000								55,000			
2871 NITROGENOUS CHEM FERTILIZERS-----	2,648				1,370				1,370			
2079 FERTILIZER AND MATERIALS, NEC-----	703,970				11,005				692,965			
2011 GASOLINE-----	7,751				7,751							
2012 JET FUEL-----	5,608								5,608			
2014 DISTILLATE FUEL OIL-----	2,304				36				2,304			
2015 RESIDUAL FUEL OIL-----	120,034				60,060				59,974			
2018 ASPHALT, TAR, AND PITCHES-----	1,980				1,980							
2920 COKE, PETROLEUM COKE-----	21,620								21,620			
3201 MISC NONMETALLIC MINERAL PROD-----	50								50			
3315 IRON, STEEL SHAPES, EXC SHEET-----	65,379				21,723				63,656			
3316 IRON AND STEEL PLATES, SHEETS-----	1,818				32				1,818			
3317 IRON AND STEEL PIPE AND TUBE-----	917								885			
3318 FERROALLOYS-----	5,392				5,392							
3319 IRON AND STEEL PRODUCTS, NEC-----	17,820				17,820							
3411 FABRICATED METAL PRODUCTS-----	348				546				32			
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,183				877				306			
3611 ELECTRICAL MACH AND EQUIP-----	902				17				885			
3721 AIRCRAFT AND PARTS-----	70								70			
3731 SHIPS AND BOATS-----	90								90			
4011 IRON AND STEEL SCRAP-----	35,041								35,041			
4024 PAPER WASTE AND SCRAP-----	1,505				1,505							
4112 COMMODITIES, NEC-----	4,183								4,183			
TON-MILES, INTERNAL, 194,129,245.												
TONS, ALL TRAFFIC, 2,204,716.												
TON-MILES, ALL TRAFFIC, 205,380,216.												

MOREHEAD CITY HARBOR, N. C.

SECTION INCLUDED: MOREHEAD CITY HARBOR, N. C. CONTROLLING DEPTH: 40.0 FEET FROM THE OCEAN TO THE MARINE TERMINALS; OTHER CHANNELS RANGE FROM 6.5 TO 12.0 FEET. PROJECT DEPTH: 42 FEET DEEP 450 FEET WIDE ACROSS BAR CHANNEL; A CUTOFF CHANNEL, 40 FEET DEEP AND 600 FEET WIDE, AN INNER HARBOR CHANNEL 40 FEET DEEP AND 400 FEET WIDE; AND A DEPTH OF 40 FEET IN THE EAST LEG OF THE TURNING BASIN, INCLUDING A 1,200-FOOT DIAMETER TURNING AREA; 35 FEET IN THE WEST LEG OF THE TURNING BASIN AND 12 FEET FROM THE TURNING BASIN TO 10TH STREET, MOREHEAD CITY, AND 6 FEET TO BOGUE SOUND, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	1,160,980	19,452	21,614	1978-----	1,343,434	64,488	18,991
1974-----	1,512,003	23,513	25,150	1979-----	1,500,907	16,684	48,499
1975-----	1,522,204	32,045	21,072	1980-----	1,010,777	114	40,610
1976-----	2,503,675	30,052	14,534	1981-----	1,000,850	12,540	143,003
1977-----	2,674,820	22,500	29,007	1982-----	1,690,281	21,300	40,915

Waterborne Commerce of the United States, 1982

MOREHEAD CITY HARBOR, N. C.--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS	
TOTAL-----	3,690,261	262,294	1,194,242	750,751	17,150	750,924 695,660 19,260
0121 TOBACCO, LEAF-----	84,465	26,666	57,799			
0133 COFFEE-----	56	56				
0191 MISCELLANEOUS FARM PRODUCTS-----	3	3				
0601 FOREST PRODUCTS, NEC-----	7	7				
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,417				1,417	
0912 SHELLFISH, EXCEPT PREPARED-----	49				49	
1121 COAL AND LIGNITE-----	299,149		299,149			
1471 PHOSPHATE ROCK-----	297,556		297,556			
1491 SALT-----	10,080	10,080				
1493 SULPHUR, LIQUID-----	1,127,196			491,946		635,250
2042 ANIMAL FEEDS-----	32,576	32,576				
2211 BASIC TEXTILE PRODUCTS-----	807	653	154			
2311 APPAREL-----	10					
2411 LOGS-----	19,219		19,219			
2421 LUMBER-----	19,615		19,615			
2431 VENEER, PLYWOOD, WORKED WOOD-----	20		20			
2611 PULP-----	57,739		57,739			
2631 PAPER AND PAPERBOARD-----	11,901		11,901			
2819 BASIC CHEMICALS AND PROD, NEC-----	135,684	80,684			55,000	
2872 POTASSIC CHEM FERTILIZERS-----	53,056		53,056			
2873 PHOSPHATIC CHEM FERTILIZERS-----	221,732	7,000	195,472			19,260
2876 INSECTICIDES, DISINFECTANTS-----	3		3			
2879 FERTILIZER AND MATERIALS, NEC-----	886,996		182,146	16,850	688,000	
2891 MISCELLANEOUS CHEMICAL PROD-----	45		45			
2911 GASOLINE-----	33,633	30,919		2,714		
2912 JET FUEL-----	247,008			247,008		
2914 DISTILLATE FUEL OIL-----	2,275				2,275	
2915 RESIDUAL FUEL OIL-----	83,698	23,638				60,060
2918 ASPHALT, TAR, AND BITUMENS-----	58,757	49,674	9,083			
3011 RUBBER AND MISC PLASTIC PROD-----	135	40	95			
3317 IRON AND STEEL PIPE AND TUBE-----	14	14				
3411 FABRICATED METAL PRODUCTS-----	853	199	4		300	350
3511 MACHINERY, EXCEPT ELECTRICAL-----	31	12	19			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1		1			
3911 MISC MANUFACTURED PRODUCTS-----	1	1				
4112 COMMODITIES, NEC-----	4,245	62			4,183	
9999 DEPARTMENT OF DEFENSE AND SCI-----	249		249			
TOTAL TON-MILES, 12,937,231.						

PORT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)

SECTION INCLUDED: BOTH BANKS OF THE CAPE FEAR RIVER EXTENDING FROM A POINT ABOUT 18 MILES BELOW THE FOOT OF CASTLE STREET IN WILMINGTON TO A POINT ABOUT 2 MILES ABOVE THE RAILROAD BRIDGE AT NAVASSA, AND BOTH BANKS OF NORTHEAST (CAPE FEAR) RIVER FROM ITS MOUTH TO A POINT ABOUT 1.67 MILES ABOVE THE MILTON RAILROAD BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	9,300,972	96,737	1978-----	9,212,517	109,431
1974-----	8,718,081	96,525	1979-----	9,576,644	101,754
1975-----	7,372,232	113,053	1980-----	7,876,488	107,145
1976-----	7,950,333	110,163	1981-----	7,873,616	127,179
1977-----	9,504,953	96,448	1982-----	5,661,499	129,883

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS SHIPMENTS	INTERNAL RECEIPTS SHIPMENTS	
TOTAL-----	5,661,499	1,727,508	775,487	2,461,699	104,907	120,144 465,847 5,707
0101 COTTON, RAW-----	101		101			
0105 RICE-----	6,798		6,798			
0106 SORGHUM GRAINS-----	2		2			
0111 SOYBEANS-----	1,736		1,736			
0119 OILSEEDS, NEC-----	696	17	679			
0121 TOBACCO, LEAF-----	93,466	21,270	70,266	1,930		
0129 FIELD CROPS, NEC-----	22	22				
0131 FRESH FRUITS-----	1,784		1,784			
0132 BAN-NAS AND PLANTAINS-----	14,897	14,897				
0133 COFFEE-----	242	227	15			
0141 FRESH AND FROZEN VEGETABLES-----	1,092	333	759			
0141 ANIMALS AND PRODUCTS, NEC-----	20,264	90	20,194			
0191 MISCELLANEOUS FARM PRODUCTS-----	77	77				
0601 CRUDE RUBBER AND ALLIED GUMS-----	47	47				
0601 FOREST PRODUCTS, NEC-----	145	144	1			
0912 SHELLFISH, EXCEPT PREPARED-----	40	10	30			
1011 IRON ORE AND CONCENTRATES-----	85,429	85,429				
1091 ALUMINUM ORES, CONCENTRATES-----	111	704	17			
1091 NONFERROUS ORES, CONCENT, NEC-----	75,256	75,256				

WILMINGTON, NC, DISTRICT

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PORT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1411 LIMESTONE-----	177,524	177,473	51	-----	-----	-----	-----	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	1,083	-----	1,083	-----	-----	-----	-----	-----
1451 CLAY-----	1,013	-----	1,013	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	20,142	20,142	-----	-----	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	2,950	2,950	-----	-----	-----	-----	-----	-----
1491 SALT-----	151,724	151,724	-----	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	1,477	221	1,256	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	261	2	259	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	9,070	152	8,918	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	254	112	142	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	46	-----	46	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	891	37	854	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	10,806	46	10,760	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	353	172	181	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	2,822	2,361	461	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,244	3,157	87	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND BEROLINA-----	3,054	-----	3,054	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	13,508	-----	13,508	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,408	207	1,199	-----	-----	-----	-----	-----
2062 MOLASSES-----	36,262	24,194	12,068	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	7,200	5,639	311	1,250	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	10,401	32	10,779	-----	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	32	-----	32	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	13,542	2,456	1,755	-----	-----	9,531	-----	-----
2111 TOBACCO MANUFACTURES-----	36,988	27,584	9,247	157	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	23,979	6,320	16,245	284	-----	1,130	-----	-----
2212 TEXTILE FIBERS, NEC-----	74	-----	74	-----	-----	-----	-----	-----
2311 APPAREL-----	4,016	3,556	460	-----	-----	-----	-----	-----
2411 LOGS-----	1,467	-----	886	-----	-----	581	-----	-----
2414 WOOD CHIPS, STAVES, HOLDINGS-----	2	2	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	45,756	20,792	24,964	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,797	1,592	4,205	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	509	285	215	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	6,969	5,504	1,414	51	-----	-----	-----	-----
2611 PULP-----	309,580	-----	309,580	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	45,192	1,455	43,486	251	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	6,075	1,214	4,861	-----	-----	-----	-----	-----
2711 PRINTED MATTER-----	161	39	122	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	71,881	-----	71,881	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	32	-----	32	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	219,491	-----	174,065	-----	-----	45,426	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	1,255,205	230,027	47,166	716,444	-----	255,697	-----	5,707
2821 PLASTIC MATERIALS-----	5,269	1,441	3,807	21	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	12	-----	12	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	12,081	4,047	7,234	-----	-----	-----	-----	-----
2831 DRUGS-----	212	100	112	-----	-----	-----	-----	-----
2841 SOAP-----	492	223	669	-----	-----	-----	-----	-----
2851 PAINTS-----	2,442	2,103	539	-----	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICAL-----	286	-----	286	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	56,060	46,460	-----	-----	9,600	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	84,080	84,073	7	-----	-----	-----	-----	-----
2874 AMIDES, DETERGENTS-----	927	143	784	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	6,371	6,371	-----	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	3,065	466	2,599	-----	-----	-----	-----	-----
2911 GASOLINE-----	390,391	17,506	89	365,045	-----	-----	7,751	-----
2913 KEROSENE-----	23,439	-----	23,439	-----	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	263,832	-----	1	253,426	10,340	36	29	-----
2915 RESIDUAL FUEL OIL-----	1,154,081	544,483	-----	393,423	68,150	-----	146,025	-----
2916 LUBRICATING OILS AND GREASES-----	1,894	3	1,893	-----	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	133,360	-----	133,360	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	304,810	-----	27	302,803	-----	-----	1,480	-----
2920 COKE, PETROLEUM COKE-----	42	-----	42	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	261	-----	261	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	162	-----	162	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	4,057	84	-----	3,973	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	3,988	2,145	1,804	39	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	1,804	1,736	68	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,066	429	642	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	107,317	-----	7	-----	16,770	90,740	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	705	394	311	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	47	47	-----	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	1,352	513	789	-----	-----	-----	50	-----
3314 IRON AND STEEL PRIMARY FORMS-----	26,673	27	26,646	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	63,853	63,564	165	23	-----	97	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	5,252	-----	5,252	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	14,678	17,664	2,197	-----	-----	32	185	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	20,146	2,321	5	-----	-----	17,620	-----	-----
3321 NONFERROUS METALS, NEC-----	238	42	196	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1,050	769	282	9	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	1,983	1,934	49	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,705	2,554	151	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	23,885	16,182	6,995	696	-----	-----	12	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	21,284	9,011	11,514	265	-----	377	113	-----
3611 ELECTRICAL MACH AND EQUIP-----	5,802	1,491	4,270	41	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,406	2,758	4,160	488	-----	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	1,305	-----	1,305	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	2,100	5	2,056	-----	-----	-----	90	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	809	-----	809	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	179	73	106	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	1,670	1,531	139	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	8,359	-----	2,070	-----	-----	-----	6,289	-----
4012 NONFERROUS METAL SCRAP-----	1,676	-----	1,676	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	11,437	-----	11,437	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1982

PORT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
4026 PAPER WASTE AND SCRAP-----	13,931	-----	13,931	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	12,861	2,112	279	10,423	47	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	30,825	-----	30,825	-----	-----	-----	-----	-----

WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)

SECTION INCLUDED: FROM 1.67 MILES ABOVE THE MILTON BRIDGE AT WILMINGTON TO THE OCEAN, 33.67 MILES. CONTROLLING DEPTH: 37.0 FEET TO THE FOURTH EAST JETTY CHANNEL; OTHER CHANNELS RANGE FROM 24 TO 29 FEET. PROJECT DEPTH: 38.5 FEET OVER OCEAN BAR TO SOUTHPORT; 38 FEET FROM SOUTHPORT TO WILMINGTON HARBOR ANCHORAGE BASIN; 32 FEET FROM ANCHORAGE BASIN TO MILTON R. R. BRIDGE; 25 FEET FROM MILTON R. R. BRIDGE TO 1.67 MILES ABOVE, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	10,061,882	97,883	1978-----	9,920,216	116,491
1974-----	9,381,342	100,543	1979-----	10,203,375	145,403
1975-----	7,939,207	116,891	1980-----	8,402,279	192,220
1976-----	8,682,623	123,487	1981-----	8,438,764	129,739
1977-----	10,000,290	104,432	1982-----	5,960,350	134,120

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	UPROUND THROUGH	DOWNBOUND
TOTAL-----	5,115,442	1,727,504	775,487	2,461,899	104,907	39,402	5,839
0101 COTTON, RAW-----	101	-----	101	-----	-----	-----	-----
0105 RICE-----	6,798	-----	6,798	-----	-----	-----	-----
0106 SOYBEAN GRAINS-----	2	-----	2	-----	-----	-----	-----
0111 SOYBEANS-----	1,736	-----	1,736	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	696	17	679	-----	-----	-----	-----
0121 TORACCO, LEAF-----	93,466	21,270	70,266	1,930	-----	-----	-----
0129 FIELD CROPS, NEC-----	22	22	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	1,784	-----	1,784	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	14,897	14,897	-----	-----	-----	-----	-----
0133 COFFEE-----	242	227	15	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,092	333	759	-----	-----	-----	-----
0141 ANIMALS AND PRODUCTS, NEC-----	20,284	90	20,194	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	77	77	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	47	47	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	145	144	1	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	40	10	30	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	85,429	85,429	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	811	784	17	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	75,256	75,256	-----	-----	-----	-----	-----
1811 LIMESTONE-----	177,524	177,473	51	-----	-----	-----	-----
1842 SAND, GRAVEL, CRUSHED ROCK-----	1,083	-----	1,083	-----	-----	-----	-----
1851 CLAY-----	1,013	-----	1,013	-----	-----	-----	-----
1871 PHOSPHATE ROCK-----	20,142	20,142	-----	-----	-----	-----	-----
1879 NATURAL FERTILIZER MATS, NEC-----	2,950	2,950	-----	-----	-----	-----	-----
1491 SALT-----	151,724	151,724	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	1,477	221	1,256	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	261	2	259	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	9,070	152	8,918	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	254	112	142	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	46	-----	46	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	891	37	854	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	10,806	46	10,760	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	353	172	181	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	2,822	2,361	461	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,244	3,157	87	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	3,854	-----	3,854	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	13,508	1	13,507	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,406	207	1,199	-----	-----	-----	-----
2061 SUGAR-----	11,385	-----	-----	-----	-----	11,385	-----
2062 MOLASSES-----	38,262	28,194	-----	4,068	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	7,200	5,639	311	1,250	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	10,801	22	10,779	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	32	32	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,211	2,454	1,755	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	36,988	27,584	9,247	157	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	22,849	6,320	14,245	284	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	74	-----	74	-----	-----	-----	-----
2311 APPAREL-----	4,016	3,556	460	-----	-----	-----	-----
2411 LOGS-----	886	-----	886	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	2	2	-----	-----	-----	-----	-----
2421 LUMBER-----	45,756	28,792	24,964	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,797	1,592	4,205	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	500	285	215	-----	-----	-----	-----

WILMINGTON, NC, DISTRICT

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WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
2511 FURNITURE AND FIXTURES-----	6,969	5,504	1,414	51			
2611 PULP-----	305,580		305,580				
2631 PAPER AND PAPERBOARD-----	45,192	1,455	43,404	251			
2691 PULP AND PAPER PRODUCTS, NEC-----	6,075	1,214	4,861				
2711 PRINTED MATTER-----	161	39	122				
2810 SODIUM HYDROXIDE-----	74,544			71,881		2,703	
2812 DYES, PIGMENT, TANNING MATS-----	32		32				
2813 ALCOHOLS-----	174,065			174,065			
2819 BASIC CHEMICALS AND PROD, NEC-----	982,181	238,027	47,166	716,488		4,500	
2821 PLASTIC MATERIALS-----	5,269	1,441	3,807	21			
2822 SYNTHETIC RUBBER-----	12		12				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	12,081	4,447	7,234				
2831 DRUGS-----	212	100	112				
2841 SOAP-----	892	223	669				
2851 PAINTS-----	2,442	2,103	539				
2861 GUM AND WOOD CHEMICALS-----	286		286				
2871 NITROGENOUS CHEM FERTILIZERS-----	60,420	46,460			9,600	4,360	
2873 PHOSPHATIC CHEM FERTILIZERS-----	46,080	84,073	7				
2876 INSECTICIDES, DISINFECTANTS-----	927	143	784				
2879 FERTILIZER AND MATERIALS, NEC-----	6,371	6,371					
2891 MISCELLANEOUS CHEMICAL PROD-----	3,065	466	2,599				
2911 GASOLINE-----	382,640	17,506	89	365,045			
2913 KEROSENE-----	23,439			23,439			
2914 DISTILLATE FUEL OIL-----	263,767		1	253,426	10,340		
2915 RESIDUAL FUEL OIL-----	1,006,056	584,483		303,423	68,150		
2916 LUBRICATING OILS AND GREASES-----	1,896	3	1,893				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	133,360			133,360			
2918 ASPHALT, TAR, AND PITCHES-----	302,830		27	302,803			
2920 COKE, PETROLEUM COKE-----	42		42				
2921 LIQUEFIED GASES-----	261		261				
2951 ASPHALT BUILDING MATERIALS-----	162		162				
2991 PETROLEUM AND COAL PROD, NEC-----	4,057	84	3,973				
3011 RUBBER AND MISC PLASTIC PROD-----	3,988	2,145	1,804	39			
3111 LEATHER AND LEATHER PRODUCTS-----	1,804	1,736	68				
3211 GLASS AND GLASS PRODUCTS-----	1,066	424	642				
3241 BUILDING CEMENT-----	16,777		7		16,770		
3251 STRUCTURAL CLAY PRODUCTS-----	705	394	311				
3281 CUT STONE AND STONE PRODUCTS-----	47	47					
3291 MISC NONMETALLIC MINERAL PROD-----	1,302	513	789				
3312 SLAG-----	5,000						5,000
3314 IRON AND STEEL PRIMARY FORMS-----	26,873	27	26,846				
3315 IRON, STEEL SHAPES, EXC SHEET-----	63,756	63,568	165	23			
3316 IRON AND STEEL PLATES, SHEETS-----	5,252		5,252				
3317 IRON AND STEEL PIPE AND TUBE-----	19,461	17,464	2,197				
3319 IRON AND STEEL PRODUCTS, NEC-----	2,326	2,321	5				
3321 NONFERROUS METALS, NEC-----	238	62	196				
3322 COPPER ALLOYS, UNWORKED-----	1,050	789	252				
3323 LEAD AND ZINC, UNWORKED-----	1,983	1,934	49				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,705	2,554	151				
3411 FABRICATED METAL PRODUCTS-----	25,285	16,182	6,995	496		1,412	
3511 MACHINERY, EXCEPT ELECTRICAL-----	23,884	9,011	11,518	265		2,120	770
3611 ELECTRICAL MACH AND EQUIP-----	6,002	1,491	4,270	41		800	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,406	2,758	4,160	488			
3721 AIRCRAFT AND PARTS-----	1,375	1	1,305				69
3731 SHIPS AND BOATS-----	14,581	5	2,054			12,522	
3791 MISC TRANSPORTATION EQUIPMENT-----	809		809				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	179	73	106				
3911 MISC MANUFACTURED PRODUCTS-----	1,670	1,531	139				
4011 IRON AND STEEL SCRAP-----	2,070		2,070				
4012 NONFERROUS METAL SCRAP-----	1,476		1,476				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	11,437		11,437				
4024 PAPER WASTE AND SCRAP-----	13,931		13,931				
4112 COMMODITIES, NEC-----	12,861	2,112	279	10,425	47		
9999 DEPARTMENT OF DEFENSE AND SCI-----	39,825		39,825				
TON-MILES, OCEANGOING, 143,531,379.							

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		UPBOUND	DOWNBOUND
TOTAL-----	844,908	31,727	90,968	308,339	157,508	5,707	122,549	128,110
0011 FRESH FISH, EXCEPT SHELLFISH-----	11,205	2,318	36				8,851	
0012 SHELLFISH, EXCEPT PREPARED-----	228	5	192				51	
0013 MEWMADE-----	4,104						4,104	
1001 NONFERROUS ORFS, CONCENT, NEC-----	10,632							10,632
2009 MISCELLANEOUS FOOD PRODUCTS-----	12,931	9,331					3,600	
2211 BASIC TEXTILE PRODUCTS-----	1,130	1,130						
2411 LOGS-----	581	581						
2491 WOOD MANUFACTURES, NEC-----	41						41	
2611 PULP-----	94,994						94,994	
2631 PAPER AND PAPERBOARD-----	2,633						2,633	
2813 ALCOHOLS-----	45,426			44,278	1,148			
2819 BASIC CHEMICALS AND PROD, NEC-----	261,604			255,807		5,707		
2879 FERTILIZER AND MATERIALS, NEC-----	1,370						1,370	

Waterborne Commerce of the United States, 1982

WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		UPBOUND	DOWNBOUND
2911 GASOLINE-----	7,751	-----	-----	-----	7,751	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	65	36	-----	-----	29	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	148,025	-----	-----	8,164	139,861	-----	-----	-----
2916 ASPHALT, TAR, AND PITCHES-----	1,980	-----	-----	-----	1,980	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	20,299	-----	-----	-----	-----	-----	-----	20,299
3241 BUILDING CEMENT-----	90,740	-----	90,740	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	50	-----	-----	-----	50	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	63,753	97	-----	-----	-----	-----	-----	63,656
3316 IRON AND STEEL PLATES, SHEETS-----	1,818	-----	-----	-----	-----	-----	-----	1,818
3317 IRON AND STEEL PIPE AND TUBE-----	917	32	-----	-----	185	-----	-----	700
3318 FERROALLOYS-----	5,392	-----	-----	-----	-----	-----	5,392	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	17,820	17,820	-----	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	48	-----	-----	-----	12	-----	16	20
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,183	377	-----	-----	113	-----	900	193
3611 ELECTRICAL MACH AND EQUIP-----	502	-----	-----	-----	-----	-----	17	485
3721 AIRCRAFT AND PARTS-----	50	-----	-----	-----	-----	-----	-----	50
3731 SHIPS AND BOATS-----	90	-----	-----	-----	90	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	35,041	-----	-----	-----	6,289	-----	-----	28,752
4024 PAPER WASTE AND SCRAP-----	1,505	-----	-----	-----	-----	-----	-----	1,505
TON-MILES, INTERNAL,	5,273,336.							
TONS, ALL TRAFFIC,	5,960,350.							
TON-MILES, ALL TRAFFIC,	148,804,715.							

NORTHEAST (CAPE FEAR) RIVER, N. C.

SECTION INCLUDED: FROM 1.67 MILES ABOVE HILTON BRIDGE AT WILMINGTON TO KORNESAYS BRIDGE, 103 MILES ABOVE THE MOUTH. CONTROLLING DEPTH: 13 FEET TO A POINT 30 MILES ABOVE THE MOUTH, AND 3 FEET TO CROOKS BRIDGE, 56 MILES ABOVE THE MOUTH AT ALL STAGES. PROJECT: CLEARING OF NATURAL CHANNEL BY SNAGGING, 103 MILES. NAVIGATION SEASON: ENTIRE YEAR OVER LOWER 56 MILES, UPPER PORTION ONLY DURING FRESHET STAGES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	554,598	1978-----	479,042
1974-----	499,567	1979-----	507,396
1975-----	442,999	1980-----	379,781
1976-----	495,440	1981-----	476,389
1977-----	377,467	1982-----	390,915

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	390,915	300,175	90,740
2013 ALCOHOLS-----	44,278	44,278	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	255,897	255,897	-----
3241 BUILDING CEMENT-----	90,740	-----	90,740
TOTAL TON-MILES,	3,769,375.		

WILMINGTON, NC, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ATLANTIC BEACH CHANNELS, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,240	3,240	15,000
AVON HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,231		
	0912 SHELLFISH, EXCEPT PREPARED	279		
	TOTAL	1,510	4,530	
BEAUFORT HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	7,564		
	0912 SHELLFISH, EXCEPT PREPARED	573		
	TOTAL	8,137	97,120	
BEAUFORT HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	58,884		
	0912 SHELLFISH, EXCEPT PREPARED	2,200		
	0913 MEAT	16,000		
	2631 PAPER AND PAPERBOARD	5,844		
	TOTAL	84,014	134,651	
BELLEVILLE HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	2,456		
	0912 SHELLFISH, EXCEPT PREPARED	3,559		
	TOTAL	5,515		774
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.	2411 LOGS	581		
	2813 ALCOHOLS	40,566		
	2819 BASIC CHEMICALS AND PRIM, NFE	4,500		
	2915 REFINED FUEL OIL	144,025		
	TOTAL	195,672	8,631,610	
CASHIE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,491		
	0912 SHELLFISH, EXCEPT PREPARED	3		
	TOTAL	1,494	17,028	
CHANNEL CONNECTING THROUGHFARE RAY WITH CEDAR RAY, N. C.	NO COMMERCE REPORTED			
CHANNEL FROM BACK SHED TO LOOKOUT MOUNT, N. C.	NO COMMERCE REPORTED			
CHANNEL FROM PUBLIC SHED TO RODANTRIE, N. C.	NO COMMERCE REPORTED			
CHANNEL TO ROGUE INLET, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,424		
	0912 SHELLFISH, EXCEPT PREPARED	521		
	TOTAL	1,945	906	12,038
DRUM INLET, N. C.	NO COMMERCE REPORTED			
EDENTON HARBOR, N. C.	1499 NONMETALLIC MINERALS, NFE	866		
	2415 PULPWOOD, LOGS	70,961		
	TOTAL	71,827	71,827	
FAR CREEK, N. C.	0103 CORN	9,005		
	0107 WHEAT	1,325		
	0111 SOYBEANS	4,099		
	0911 FRESH FISH, EXCEPT SHELLFISH	1,333		
	0912 SHELLFISH, EXCEPT PREPARED	1,861		
	TOTAL	17,643	52,929	
KNOWNS CREEK, N. C.	2416 WOOD CHIPS, STAVES, HOLDINGS	67,683	76,284	
LOCKHOUNDS FOLLY RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	123		
	0912 SHELLFISH, EXCEPT PREPARED	1,263		
	TOTAL	1,386	15,232	
MACRAY CREEK, N. C.	NO COMMERCE REPORTED			
MANUS HARBOR, N. C.	NO COMMERCE REPORTED			
MATEO (SHALLOW) RAY, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	92,866		
	0912 SHELLFISH, EXCEPT PREPARED	1,089		
	TOTAL	94,355	452,418	360
NEUSE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	10,051		
	0912 SHELLFISH, EXCEPT PREPARED	4,197		
	0913 MEAT	4,182		
	1499 NONMETALLIC MINERALS, NFE	1,457		
	2912 JET FUEL	5,608		
	3721 AIRCRAFT AND PARTS	20		
	TOTAL	33,495	601,268	
NEW RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	2,878		
	0912 SHELLFISH, EXCEPT PREPARED	1,057		
	3721 AIRCRAFT AND PARTS	40		
	TOTAL	3,975	6,406	90
ONCHACON INLET, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	21,325		
	0912 SHELLFISH, EXCEPT PREPARED	363		
	TOTAL	21,688	43,374	31,872

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
PENNINGTONS RIVER, N. C.-----	NO COMMERCE REPORTED			
ROANOKE RIVER, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,693		
	0912 SHELLFISH, EXCEPT PREPARED-----	3		
	1499 NONMETALLIC MINERALS, NEC-----	484		
	2412 RAFTED LOGS-----	331		
	2415 PULPMOOD, LOG-----	96,309		
	2915 RESIDUAL FUEL OIL-----	59,974		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	210		
	TOTAL-----	159,004	4,569,935	
ROLLINSON CHANNEL, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	417	1,251	350
SCUPPERNON RIVER, N. C.-----	NO COMMERCE REPORTED			
SHALLOTTE RIVER, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	5		
	0912 SHELLFISH, EXCEPT PREPARED-----	367		
	TOTAL-----	372	3,348	
SILVER LAKE HARBOR, N. C.-----				201,512
SMITHS CREEK (PAMLICO COUNTY), N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	12,953		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,873		
	TOTAL-----	15,826	142,434	
SMITHS CREEK (WILMINGTON), N. C.-----	2411 LOGS-----	581	1,162	
SOUTH RIVER, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1		
	0912 SHELLFISH, EXCEPT PREPARED-----	267		
	TOTAL-----	268	3,216	
STUMPY POINT BAY, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	9,622		
	0912 SHELLFISH, EXCEPT PREPARED-----	497		
	TOTAL-----	10,119	20,238	
TRENT RIVER, N. C.-----	1499 NONMETALLIC MINERALS, NEC-----	1,437	1,437	
WANCHUSE HARBOR, N. C. (INCLUDED IN MAYFORD (SHALLOWBAG) BAY, N. C.)-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	35,948		
	0912 SHELLFISH, EXCEPT PREPARED-----	479		
	TOTAL-----	36,427	36,427	360
WATERWAY - NORFOLK, VA. TO SOUNDS OF NORTH CAROLINA-----	0103 CORN-----	9,005		
	0107 WHEAT-----	1,325		
	0111 SOYBEANS-----	4,099		
	TOTAL-----	14,429	360,725	
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH-----	49,990		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,982		
	0913 MENHADEN-----	3,693		
	TOTAL-----	56,665	809,282	6,200
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, N. C.---	0911 FRESH FISH, EXCEPT SHELLFISH-----	559		
	0912 SHELLFISH, EXCEPT PREPARED-----	482		
	TOTAL-----	1,041	2,082	35,957
WRIGHTS CREEK, N. C.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	268		
	0912 SHELLFISH, EXCEPT PREPARED-----	3,271		
	TOTAL-----	3,539	3,539	

CHARLESTON, SC, DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHN'S RIVER, FLA. (CHARLESTON DISTRICT)

SECTION INCLUDED: FROM LITTLE RIVER, S. C. TO PORT ROYAL SOUND, S. C., WITH A BRANCH CHANNEL TO MCCLELLANVILLE, S. C. CONTROLLING
DEPTH: 10 FEET AT MEAN LOW WATER FOR 90' WIDTH FROM LITTLE RIVER TO WINYAH BAY; 8 FEET FOR 90' WIDTH FROM WINYAH BAY TO CHARLESTON; 9
FEET FOR 90' WIDTH IN MCCLELLANVILLE BRANCH CHANNEL AND 9 FEET FOR 90' WIDTH FROM CHARLESTON TO PORT ROYAL SOUND. PROJECT DEPTH: 12
FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	1,614,002	146	1978	1,659,147	26,213
1974	1,593,801	116	1979	1,981,038	92,319
1975	1,404,608	360	1980	1,417,224	17,524
1976	1,404,608	148	1981	1,244,971	99,004
1977	1,557,140	971	1982	563,552	84,482

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE	
		THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL	47,479	41,621	5,859
2861 SUGAR	11,385	11,385	
2810 SODIUM HYDROXIDE	2,703	2,703	
2813 ALCOHOLS	4,101	4,101	
2871 NITROGENOUS CHEM FERTILIZERS	4,360	4,360	
3312 SLAG	5,000		5,000
3411 FABRICATED METAL PRODUCTS	1,412	1,412	
3511 MACHINERY, EXCEPT ELECTRICAL	5,110	4,348	770
3611 ELECTRICAL MACH AND EQUIP	800	800	
3721 AIRCRAFT AND PARTS	69		69
3731 SHIPS AND BOATS	12,522	12,522	
TON-MILES, OCEANGOING,	9,683,306,		

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND	THROUGH	OUTBOUND	INBOUND	OUTBOUND	THROUGH
		NORTHBOUND	NORTHBOUND	SOUTHBOUND	SOUTHBOUND	SOUTHBOUND	SOUTHBOUND
TOTAL	516,082	966	3,554	309,592	144	2,450	40
0133 COFFEE	810						810
0911 FRESH FISH, EXCEPT SMELLFISH	27		2	1		16	8
0912 SMELLFISH, EXCEPT PREPARED	7,329	966	3,554	183	144	2,434	40
1091 NONFERROUS ORES, CONCENT, NEC	10,632						10,632
2099 MISCELLANEOUS FOOD PRODUCTS	20,109			20,109			
2211 BASIC TEXTILE PRODUCTS	6,772			3,170			3,602
2491 WOOD MANUFACTURES, NEC	41			41			
2611 PULP	102,869			101,794			1,095
2631 PAPER AND PAPERBOARD	60,537			59,170			1,367
2879 FERTILIZER AND MATERIALS, NEC	1,370			1,370			
2911 GASOLINE	4,627			4,627			
2914 DISTILLATE FUEL OIL	225			196			29
2920 COKE, PETROLEUM COKE	20,299						20,299
3291 MISC NONMETALLIC MINERAL PROD	50						50
3315 IRON, STEEL SHAPES, EXC SHEET	95,271			21,723			73,548
3316 IRON AND STEEL PLATES, SHEETS	1,818						1,818
3317 IRON AND STEEL PIPE AND TUBE	2,017			1,072			945
3318 FERRDALLOYS	5,392			5,392			
3319 IRON AND STEEL PRODUCTS, NEC	27,958			27,958			
3411 FABRICATED METAL PRODUCTS	8,940			5,355			3,585
3511 MACHINERY, EXCEPT ELECTRICAL	2,120			1,316			804
3611 ELECTRICAL MACH AND EQUIP	852			17			835
3721 AIRCRAFT AND PARTS	50						50
3731 SHIPS AND BOATS	90						90
4011 IRON AND STEEL SCRAP	35,041						35,041
4024 PAPER WASTE AND SCRAP	1,505						1,505
4112 COMMODITIES, NEC	90,311			56,098			43,213
TON-MILES, INTERNAL,	76,058,513.						

TONS, ALL TRAFFIC, 563,552.
TON-MILES, ALL TRAFFIC, 85,741,819.

Waterborne Commerce of the United States, 1982

GEORGETOWN HARBOR, S. C. (WINYAH BAY)

SECTION INCLUDED: ATLANTIC OCEAN ENTRANCE TO WINYAH BAY, S. C., TO AND INCLUDING TURNING BASIN IN SAMPTT RIVER AT THE CITY OF GEORGETOWN, S. C. CONTROLLING DEPTH: 24.0 FEET AT MEAN LOW WATER FOR 400-FOOT WIDTH FROM THE OCEAN THROUGH THE GORGE CHANNEL; THENCE 25 FEET FOR 400-FOOT WIDTH TO MOUTH OF SAMPTT RIVER; THENCE 20 FEET FOR 300-FOOT WIDTH TO HEAD OF THE PROJECT; SAMPTT RIVER BYPASS CHANNEL 9.0 FEET FOR 100-FOOT WIDTH. PROJECT DEPTH: 27 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	1,485,731	500	490,884	1978-----	1,146,490	25,540	598,784
1974-----	1,619,986	422	488,770	1979-----	1,381,686	41,919	646,583
1975-----	1,359,697	242	412,576	1980-----	1,045,361	15,542	537,123
1976-----	1,666,420	136	443,372	1981-----	746,157	36,218	537,283
1977-----	1,380,577	324	417,763	1982-----	271,296	36,675	264,837

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	RECEIPTS	SHIPMENTS
TOTAL-----	271,296	61,060	76,171	64,609	36,571	32,885
0911 FRESH FISH, EXCEPT SHELLFISH-----	18				18	
0912 SHELLFISH, EXCEPT PREPARED-----	191				191	
1411 LIMESTONE-----	28,351	28,351				
1499 NONMETALLIC MINERALS, NEC-----	16,645	16,645				
2039 PREP FRUIT AND VEG JUICE, NEC-----	20		20			
2211 BASIC TEXTILE PRODUCTS-----	186		186			
2421 LUMBER-----	15,802	15,740	34			
2431 VENEER, PLYWOOD, WORKED WOOD-----	147	147				
2511 FURNITURE AND FIXTURES-----	10		10			
2631 PAPER AND PAPERBOARD-----	38,713		37,346			1,367
2711 PRINTED MATTER-----	2		2			
2876 INSECTICIDES, DISINFECTANTS-----	1		1			
2891 MISCELLANEOUS CHEMICAL PROD-----	52		52			
2915 RESIDUAL FUEL OIL-----	50,162			50,162		
2916 LUBRICATING OILS AND GREASES-----	13		13			
2920 COKE, PETROLEUM COKE-----	1,321				1,321	
3011 RUBBER AND MISC PLASTIC PROD-----	26		26			
3314 IRON AND STEEL PRIMARY FORMS-----	3,858		3,858			
3315 IRON, STEEL SHAPES, EXC SHEET-----	65,626		34,108			31,518
3316 FERROALLOYS-----	143	143				
3411 FABRICATED METAL PRODUCTS-----	1		1			
3511 MACHINERY, EXCEPT ELECTRICAL-----	494		494			
3611 ELECTRICAL, MACH AND EQUIP-----	1		1			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	16		16			
3791 MISC TRANSPORTATION EQUIPMENT-----	4		4			
3911 MISC MANUFACTURED PRODUCTS-----	5	5				
4011 IRON AND STEEL SCRAP-----	49,488			14,447	35,041	
TOTAL TON-MILES, 4,200,512.						

CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEN CREEK AND SHIPYARD RIVER, S. C.)

SECTION INCLUDED: OCEAN TO GOOSE CREEK VIA COOPER RIVER AND TOWN CREEK; TO THE STANDARD WHARF ON ASHLEY RIVER; TO THE MOUNT PLEASANT MEMORIAL HIGHWAY BRIDGE ON SHEN CREEK; TO THE AIRCO ALLOYS WHARF ON SHIPYARD RIVER. CONTROLLING DEPTH: APPROXIMATELY 35 FEET FOR 800-FOOT WIDTH ACROSS THE ENTRANCE CHANNEL; THENCE 35.0 FEET FOR PROJECT WIDTHS TO HEAD OF THE PROJECT AT GOOSE CREEK (21.9 MILES); SHEN CREEK 6.0 FEET (10.7 MILES); ASHLEY RIVER 15 FEET TO HIGHWAY BRIDGE, THENCE 15 FEET TO HEAD OF PROJECT (7.4 MILES); SHIPYARD RIVER 34 FEET TO HEAD OF PROJECT (1.2 MILES). PROJECT DEPTH: CHARLESTON HARBOR 35.0 FEET; SHEN CREEK 10.0 FEET; ASHLEY RIVER 30.0 FEET; SHIPYARD RIVER 30.0 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	9,379,766	258,474	469,286	1978-----	10,841,487	303,375	299,399
1974-----	8,992,563	234,149	425,763	1979-----	10,055,566	302,049	302,673
1975-----	8,379,831	295,399	342,506	1980-----	9,096,714	293,062	258,080
1976-----	9,664,805	314,675	380,199	1981-----	8,845,162	345,414	332,197
1977-----	10,327,659	293,050	302,312	1982-----	6,850,864	378,354	254,268

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	6,850,864	1,592,465	1,974,324	2,456,464	291,223	131,447	60,804	139,137
0101 COTTON, RAW-----	7,922	2,887	4,806	20	209	-----	-----	-----
0102 BARLEY AND RYE-----	22		22	-----	-----	-----	-----	-----

CHARLESTON, SC, DISTRICT

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CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER,
COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0103 CORN-----	34,457	-----	34,457	-----	-----	-----	-----	-----
0105 RICE-----	2,204	25	2,178	-----	1	-----	-----	-----
0106 SORGHUM GRAINS-----	15	-----	15	-----	-----	-----	-----	-----
0107 WHEAT-----	319,057	-----	319,057	-----	-----	-----	-----	-----
0111 SOYBEANS-----	149,207	-----	149,207	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	19,181	50	18,995	-----	136	-----	-----	-----
0121 TOBACCO, LEAF-----	10,421	7,360	3,061	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	314	161	153	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	414	3	361	50	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	219,286	218,286	-----	-----	-----	-----	-----	-----
0133 COFFEES-----	4,448	3,483	90	31	34	-----	810	-----
0191 FRESH AND FROZEN VEGETABLES-----	147	72	74	-----	1	-----	-----	-----
0191 ANIMALS AND PRODUCTS, NEC-----	6,240	1,247	1,417	-----	3,616	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	354	32	324	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	8,905	8,609	216	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	14,376	14,051	325	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	3,133	307	8	10	-----	2,718	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	3,048	-----	-----	-----	-----	2,990	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	416,774	416,616	158	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	109,665	95,066	3,967	-----	-----	10,632	-----	-----
1121 COAL AND LIGNITE-----	290	6	284	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	16,835	-----	-----	16,835	-----	-----	-----	-----
1411 LIMESTONE-----	20,086	19,928	158	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	128	-----	85	-----	43	-----	-----	-----
1462 SAND, GRAVEL, CRUSHED ROCK-----	4,117	1,264	2,807	-----	46	-----	-----	-----
1451 CLAYS-----	66,352	2,562	63,659	-----	131	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	8,989	995	7,997	-----	7	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	81	8	11	62	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	68,862	23,309	22,324	-----	23,227	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	7,905	3,318	250	43	4,294	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	31	-----	31	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	2,177	149	1,309	-----	719	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	3,279	2,337	22	45	855	-----	-----	-----
2022 DRIED MILK AND CREAM-----	5,135	-----	255	774	4,106	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	1,404	471	167	730	40	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	8,161	5,400	312	1,214	1,235	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	20,604	8,466	9,465	496	2,177	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	12,666	-----	12,626	-----	40	-----	-----	-----
2042 ANIMAL FEEDS-----	5,900	-----	5,704	1	195	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	7,008	866	6,102	40	-----	-----	-----	-----
2061 SUGAR-----	5,401	5,401	-----	-----	-----	-----	-----	-----
2062 MOLASSES-----	60	-----	-----	39	21	-----	-----	-----
2061 ALCOHOLIC BEVERAGES-----	44,806	22,268	1,521	11,924	9,093	-----	-----	-----
2091 VEGETABLE OIL, MARG, SHORT-----	29,738	463	28,887	-----	384	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	21	21	-----	-----	-----	-----	-----	-----
2094 GROCERIES-----	42	-----	-----	-----	42	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	18,781	4,853	2,032	2,022	2,694	7,178	-----	-----
2111 TOBACCO MANUFACTURES-----	7,310	2,615	3,607	160	928	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	210,087	43,857	152,636	431	6,791	2,040	4,332	-----
2212 TEXTILE FIBERS, NEC-----	2,031	28	1,960	-----	43	-----	-----	-----
2311 APPAREL-----	19,185	3,030	1,244	6,441	4,300	-----	-----	-----
2411 LOGS-----	3,039	-----	3,039	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	96	-----	96	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	1,074	-----	-----	-----	1,074	-----	-----	-----
2421 LUMBER-----	41,313	8,680	32,633	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	101,649	100,731	918	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	7,929	1,188	6,200	51	490	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	10,374	5,904	3,453	39	974	-----	-----	-----
2611 PULP-----	234,265	442	225,928	-----	-----	6,800	1,095	-----
2621 STANDARD NEWSPRINT PAPER-----	3,957	-----	-----	6	3,991	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	262,588	17,657	232,612	-----	12,319	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	12,138	929	5,980	95	5,134	-----	-----	-----
2711 PRINTED MATTER-----	1,864	594	1,265	1	2	-----	-----	-----
2810 SODIUM HYDROXIDE-----	20,105	-----	-----	20,105	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2	-----	-----	-----	2	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	2,414	-----	2,415	-----	3	-----	-----	-----
2813 ALCOHOLS-----	13,032	-----	123	12,909	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	12	-----	-----	-----	12	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	166,164	20,314	77,981	67,209	656	-----	-----	-----
2821 PLASTIC MATERIALS-----	68,129	6,355	61,359	-----	415	-----	-----	-----
2822 SYNTHETIC RUBBER-----	2,876	-----	2,876	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	132,292	23,466	108,375	-----	451	-----	-----	-----
2831 DRUGS-----	2,470	93	1,542	97	738	-----	-----	-----
2841 SOAP-----	15,021	706	7,429	94	6,792	-----	-----	-----
2851 PAINTS-----	9,688	9,202	443	-----	43	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	5,650	578	5,066	-----	66	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	20,716	12,250	8,464	-----	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	75	-----	75	-----	-----	-----	-----	-----
2874 INSECTICIDES, DISINFECTANTS-----	9,812	2,494	7,181	117	20	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	4,224	36	3,760	-----	424	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	17,745	7,248	9,517	902	58	-----	-----	-----
2911 GASOLINE-----	1,155,656	-----	178	1,150,853	-----	4,627	-----	-----
2912 JET FUEL-----	256,111	-----	-----	256,111	-----	-----	-----	-----
2913 KEROSENE-----	22,618	-----	-----	22,618	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	381,165	-----	35	364,175	9,061	189	7,705	-----
2915 RESIDUAL FUEL OIL-----	624,231	245,355	-----	185,996	61,444	-----	131,432	-----
2916 LUBRICATING OILS AND GREASES-----	176,632	89	1,331	174,906	306	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	57,528	-----	-----	57,527	1	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	242,514	71	-----	242,414	24	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	20,621	-----	150	-----	84	20,299	-----	-----
2921 LIQUEFIED GASES-----	211	-----	171	-----	40	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	424	-----	276	22	124	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NFF-----	2,431	2,770	42	-----	19	-----	-----	-----

Waterborne Commerce of the United States, 1982

CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER,
COOPER RIVER, SHEP CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3011 RUBBER AND MISC PLASTIC PROD-----	21,756	11,240	8,025	189	2,302	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	6,933	5,307	254	1,370	2	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	26,654	6,164	19,716	-----	772	-----	-----	-----
3241 BUILDING CEMENT-----	5,753	5,545	135	-----	73	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	11,689	3,143	8,136	-----	410	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	2,466	2,462	24	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3,401	1,801	1,234	35	271	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	56	-----	36	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	52,147	47,041	4,269	24	793	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	237	1	236	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	20,019	17,849	725	46	114	1,225	60	-----
3318 FERROALLOYS-----	5,795	295	104	-----	-----	-----	5,392	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	17,837	5,267	985	87	380	10,134	980	-----
3321 NONFERROUS METALS, NEC-----	1,612	976	588	-----	44	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	3,662	1,915	1,145	-----	602	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	917	411	481	-----	25	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	40,700	2,040	36,668	-----	1,992	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	45,970	18,839	15,437	732	2,042	5,351	3,569	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	136,698	46,954	87,374	416	414	582	998	-----
3611 ELECTRICAL MACH AND EQUIP-----	38,596	5,377	20,912	1,474	9,994	480	355	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	19,497	6,231	12,322	158	786	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	309	129	130	-----	-----	50	-----	-----
3731 SHIPS AND BOATS-----	893	306	465	-----	37	70	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	2,117	19	2,098	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,287	416	1,356	511	4	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	7,762	4,957	2,029	198	574	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	7,860	19	7,781	60	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	4,545	132	4,299	114	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEET-----	37,404	802	36,180	91	333	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	23,626	-----	23,626	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	129	-----	-----	129	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	257,925	9,359	1,188	53,069	94,994	56,098	43,213	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,259	-----	6,259	-----	-----	-----	-----	-----

SHIPYARD RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	878,292	1978-----	879,748
1974-----	890,033	1979-----	922,055
1975-----	890,537	1980-----	865,425
1976-----	888,850	1981-----	952,920
1977-----	1,006,719	1982-----	620,711

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	620,711	94,092	452,626	35,156	5,452	33,389
1051 ALUMINUM ORES, CONCENTRATES-----	5,469	5,469	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	84,988	74,356	-----	10,632	-----	-----
2010 SODIUM HYDROXIDE-----	20,105	-----	20,105	-----	-----	-----
2019 BASIC CHEMICALS AND PROD, NEC-----	33,927	2,017	51,910	-----	-----	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	12,250	12,250	-----	-----	-----	-----
2011 GASOLINE-----	229,353	-----	229,353	-----	-----	-----
2014 DISTILLATE FUEL OIL-----	68,526	-----	67,473	29	-----	1,024
2015 RESIDUAL FUEL OIL-----	54,234	-----	21,473	-----	-----	32,361
2016 LUBRICATING OILS AND GREASES-----	61,912	-----	61,912	-----	-----	-----
2020 COKE, PETROLEUM COKE-----	20,299	-----	-----	20,299	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	340	-----	-----	240	60	-----
3318 FERROALLOYS-----	5,392	-----	-----	-----	5,392	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	3,771	-----	-----	3,771	-----	-----
3411 FABRICATED METAL PRODUCTS-----	12	-----	-----	-----	12	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	43	-----	-----	-----	43	-----
3731 SHIPS AND BOATS-----	90	-----	-----	-----	90	-----
TOTAL TON-MILES,-----	620,711.	-----	-----	-----	-----	-----

CHARLESTON, SC, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ASHLEY RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)				377,764
EDISTO RIVER, S. C.	NO COMMERCE REPORTED			
GREAT PEE DEE RIVER, S. C.	0911 FRESH FISH, EXCEPT SHELLFISH	9	69	
PORT ROYAL HARBOR, S. C.	0912 SHELLFISH, EXCEPT PREPARED	862		
	2421 LUMBER	15,767		
	2431 VENEER, PLYWOOD, WORKED WOOD	408		
	2491 WOOD MANUFACTURES, NEC	25		
	2871 NITROGENOUS CHEM FERTILIZERS	42,280		
	TOTAL	59,398		
Santee River, S. C.	0911 FRESH FISH, EXCEPT SHELLFISH	7		
	0912 SHELLFISH, EXCEPT PREPARED	71		
	3511 MACHINERY, EXCEPT ELECTRICAL	3		
	TOTAL	81	6,075	
VILLAGE CREEK, S. C.	0912 SHELLFISH, EXCEPT PREPARED	86		
WACCAMAH RIVER, N. C. AND S. C.	0911 FRESH FISH, EXCEPT SHELLFISH	8		
	0912 SHELLFISH, EXCEPT PREPARED	8		
	TOTAL	16	432	917

SAVANNAH, GA, DISTRICT

SAVANNAH HARBOR, GEORGIA

SECTION INCLUDED: FROM THE 40-FOOT CONTOUR IN THE OCEAN TO THE CONTINENTAL CAN COMPANY PLANT, 32.15 MILES. CONTROLLING DEPTH: FOR MID-CHANNEL, HALF PROJECT WIDTH, 40 FEET OVER THE BAR CHANNEL; THENCE 30 FEET TO THE GEORGIA PORTS AUTHORITY OCEAN TERMINAL; THENCE 30 FEET TO THE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL; THENCE 36 FEET TO THE SAVANNAH SUGAR REFINERY; AND 30 FEET TO THE CONTINENTAL CAN COMPANY PLANT. PROJECT DEPTH: 40 FEET OVER THE BAR CHANNEL, 8.71 MILES; 34 FEET TO ABOVE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL, 21.59 MILES; 36 FEET TO THE ATLANTIC CREOSOTING COMPANY, 1.04 MILES; 30 FEET TO ABOVE CONTINENTAL CAN COMPANY, 1.33 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	8,980,201	129	1976	11,425,936	76,553
1974	9,698,670	29,780	1977	13,527,771	69,374
1975	7,593,297	78,001	1980	12,293,179	74,237
1976	9,187,805	74,216	1981	12,707,864	72,280
1977	9,875,670	84,447	1982	16,975,740	69,134

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL	10,975,740	3,771,761	4,712,847	1,307,498	595,656	94,801	203,201	289,976
0101 COTTON, RAW	733	21	712					
0103 CORN	560		560					
0105 RICE	582	219	363					
0107 WHEAT	567,209		567,209					
0111 SOYBEANS	486,682		486,682					
0119 OILSEEDS, NEC	15,164	1	15,163					
0121 TOBACCO, LEAF	3,667	2,984	683					
0129 FIELD CROPS, NEC	270	183	87					
0131 FRESH FRUITS	618	20	590					
0133 COFFEE	3,097	2,634	87				376	
0141 FRESH AND FROZEN VEGETABLES	527	92	435					
0151 LIVE ANIMALS	20		20					
0161 ANIMALS AND PRODUCTS, NEC	3,015	532	3,283					
0191 MISCELLANEOUS FARM PRODUCTS	421	238	183					
0841 CRUDE RUBBER AND ALLIED GUMS	47,848	47,525	323					
0861 FOREST PRODUCTS, NEC	2,354	2,307	169					
0911 FRESH FISH, EXCEPT SHELLFISH	5,608	5,363	245					
0912 SHELLFISH, EXCEPT PREPARED	1,100	939	161					
1051 ALUMINUM ORES, CONCENTRATES	36,258	36,140	118					
1061 MANGANESE ORES, CONCENTRATES	20		20					
1091 NONFERROUS ORES, CONCENT, NEC	29,133	28,873	260					
1121 COAL AND LIGNITE	246,793		246,693		10			
1311 CRUDE PETROLEUM	874,019	874,019						
1411 LIMESTONE	474,709	472,322	2,387					
1412 BUILDING STONE, UNWORKED	18,133		18,133					
1442 SAND, GRAVEL, CRUSHED ROCK	6,220	2,254	4,408		1,558			
1451 CLAY	1,286,765	129,987	1,156,715		63			
1471 PHOSPHATE ROCK	40				40			
1491 SALT	1	1						
1492 SULPHUR, DRY	3		3					
1493 SULPHUR, LIQUID	17,433			17,433				
1499 NONMETALLIC MINERALS, NEC	13,408	3,103	10,248		57			
1911 ORNANCE AND ACCESSORIES	46	43	3					
2011 MEAT, FRESH, CHILLED, FROZEN	29,869	193	29,672		4			
2012 MEAT AND PRODUCTS, NEC	965	873	92					
2014 TALLOW, ANIMAL FATS AND OILS	556		556					
2015 ANIMAL BY-PRODUCTS, NEC	4,426	6	4,420					
2021 DAIRY PRODUCTS, NEC	125	112	13					
2022 DRIED MILK AND CREAM	8,681	150	8,331					
2031 FISH AND SHELLFISH, PREPARED	2,786	2,710	66					
2034 VEGETABLES AND PREP, NEC	23,580	21,492	961	1,127				
2039 PREP FRUIT AND VEG JUICE, NEC	34,034	8,300	25,688	46				
2041 WHEAT FLOUR AND SEMOLINA	4,625		4,625					
2042 ANIMAL FEEDS	4,865	161	3,864			818		
2049 GRAIN MILL PRODUCTS, NEC	2,443	445	1,994					
2061 SUGAR	365,079	299,447	30	44,144		21,450		
2081 ALCOHOLIC BEVERAGES	29,423	26,768	1,751	147	777			
2091 VEGETABLE OILS, HARS, SHORT	25,391	732	24,224		435			
2099 MISCELLANEOUS FOOD PRODUCTS	39,134	9,997	8,804	115	109		20,109	
2111 TOBACCO MANUFACTURES	1,103	17	905		141			
2211 BASIC TEXTILE PRODUCTS	187,845	103,013	75,437	284	2,267	3,602	2,440	
2212 TEXTILE FIBERS, NEC	659	137	517	5				
2311 APPAREL	20,021	19,210	811					
2411 LOGS	4,988	179	4,809					
2413 FUEL WOOD, CHARCOAL, WASTES	257		257					
2414 TIMBER, POSTS, POLES, PILING	35,777	129	35,648					
2416 WOOD CHIPS, STAVES, HOLDINGS	598,706		598,706					
2421 LUMBER	104,990	38,734	66,244		20			
2431 VENEER, PLYWOOD, WORKED WOOD	47,272	45,488	1,784					
2491 WOOD MANUFACTURES, NEC	6,171	3,595	2,575		1			
2511 FURNITURE AND FIXTURES	20,617	16,864	3,211		542			
2611 PULP	452,833	98,868	346,070			1,094	6,400	
2621 STANDARD NEWSPRINT PAPER	5			5				
2631 PAPER AND PAPERBOARD	508,577	2,749	484,743		105	1,367	57,613	
2691 PULP AND PAPER PRODUCTS, NEC	7,953	2,290	3,558		105			
2711 PRINTED MATTER	1,825	1,374	451					
2811 CRUDE TAR, OIL, GAS PRODUCTS	2,127		32	2,056	39			
2812 DYES, PIGMENT, TANNING MATS	385		385					
2813 ALCOHOLS	24		1		23			

SAVANNAH, GA, DISTRICT

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SAVANNAH HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2016 RADIOACTIVE MATERIALS, WASTES-----	472		472					
2017 BENZENE AND TOLUENE-----	3,743			3,743				
2019 BASIC CHEMICALS AND PROD, NEC-----	337,221	233,297	43,318	60,578	28			
2021 PLASTIC MATERIALS-----	44,094	7,625	32,492		23	4,844		
2022 SYNTHETIC RUBBER-----	1,722		1,722					
2023 SYNTHETIC (MAN-MADE) FIBERS-----	26,804	2,322	24,482					
2031 DRUGS-----	1,720	435	1,222		163			
2041 SOAP-----	4,026	1,172	2,819		35			
2051 PAINTS-----	15,474	14,446	1,028					
2061 GUM AND WOOD CHEMICALS-----	97,540	1,545	95,960		15			
2071 NITROGENOUS CHEM FERTILIZERS-----	43,983	5,374	39,220		19,200			
2073 PHOSPHATIC CHEM FERTILIZERS-----	220		220					
2074 INSECTICIDES, DISINFECTANTS-----	4,460	438	4,315		7			
2079 FERTILIZER AND MATERIALS, NEC-----	986		623		363			
2091 MISCELLANEOUS CHEMICAL PROD-----	36,955	3,579	17,344	18,032				
2011 GASOLINE-----	762,496	69,534	70	575,625	121,237	6,944	9,286	
2012 JET FUEL-----	44,366			44,366				
2014 DISTILLATE FUEL OIL-----	303,172	68,193	8	298,375	10,074	3,854	2,668	
2015 RESIDUAL FUEL OIL-----	543,997	268,262		43,753				231,982
2016 LUBRICATING OILS AND GREASES-----	41,721	26,670	636	14,415				
2017 NAPHTHA, PETROLEUM SOLVENTS-----	76,144			72,476			3,668	
2018 ASPHALT, TAR, AND PITCHES-----	571,461	68,535	415	23,100	421,409			57,994
2020 COKE, PETROLEUM COKE-----	19	19						
2051 ASPHALT BUILDING MATERIALS-----	368		366	22				
2091 PETROLEUM AND COAL PROD, NEC-----	32,016	211	7	31,640	118			
3011 RUBBER AND MISC PLASTIC PROD-----	29,274	23,084	6,118	50	22			
3111 LEATHER AND LEATHER PRODUCTS-----	12,649	10,490	2,159					
3211 GLASS AND GLASS PRODUCTS-----	4,676	2,583	1,662		431			
3241 BUILDING CEMENT-----	52,618		2,809	49,809				
3251 STRUCTURAL CLAY PRODUCTS-----	11,038	6,334	4,695		5			
3281 CUT STONE AND STONE PRODUCTS-----	2,580	2,523	57					
3291 MISC NONMETALLIC MINERAL PROD-----	18,813	10,729	7,940	11	17		94	
3314 IRON AND STEEL PRIMARY FORMS-----	212	195	15		2			
3315 IRON, STEEL SHAPES, EXC SHEET-----	199,395	198,332	966				97	
3316 IRON AND STEEL PLATES, SHEETS-----	3,313	1,172	309		14	1,818		
3317 IRON AND STEEL PIPE AND TUBE-----	89,861	65,848	24,012		1			
3318 FERROALLOYS-----	7,020	4,928	2,092					
3319 IRON AND STEEL PRODUCTS, NEC-----	42,028	3,274	1,378		94		37,278	
3321 NONFERROUS METALS, NEC-----	2,481	684	1,793		2			
3322 COPPER ALLOYS, UNWORKED-----	39,279	36,167	1,101		11			
3323 LEAD AND ZINC, UNWORKED-----	259	151	108					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	7,890	7,147	743					
3411 FABRICATED METAL PRODUCTS-----	85,342	62,355	12,949		1,197	3,553	5,288	
3511 MACHINERY, EXCEPT ELECTRICAL-----	78,206	51,666	25,779	12	356	47	346	
3611 ELECTRICAL MACH AND EQUIP-----	56,511	38,099	20,381		31			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	37,553	29,422	8,057		74			
3721 AIRCRAFT AND PARTS-----	169	35	134					
3731 SHIPS AND BOATS-----	1,274	94	1,178					
3791 MISC TRANSPORTATION EQUIPMENT-----	2,182	48	2,013		121			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	3,046	2,357	689					
3911 MISC MANUFACTURED PRODUCTS-----	30,504	26,322	1,892	52	38			
4011 IRON AND STEEL SCRAP-----	25,608		25,608					
4012 NONFERROUS METAL SCRAP-----	110,112	99,100	11,012					
4022 TEXTILE WASTE, SCRAP, WHEEP-----	11,585	21	11,564					
4024 PAPER WASTE AND SCRAP-----	40,284	110	38,669			1,505		
4112 COMMODITIES, NEC-----	126,804	2,455	2,432	5,827	14,264	43,886	57,136	
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,869		3,869					
TOTAL TON-MILES, 213,036,240.								

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)SECTION INCLUDED: PORT ROYAL SOUND, S. C., INCLUDES CUMBERLAND SOUND. CONTROLLING DEPTH: 8 FEET OR GREATER. PROJECT DEPTH: 12 FEET.
NAVIGATION SEASON: ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	1,235,784	146	1978-----	926,702	46,782
1974-----	1,231,890	25,900	1979-----	816,504	25,960
1975-----	901,101	54,878	1980-----	844,659	33,734
1976-----	1,067,671	48,470	1981-----	878,915	30,997
1977-----	975,078	43,206	1982-----	684,418	11,878

Waterborne Commerce of the United States, 1982

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)--CONTINUED

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL-----	49,425	43,436	5,989
2001 SUGAR-----	11,385	11,385	-----
2010 SODIUM HYDROXIDE-----	2,703	2,703	-----
2013 ALCOHOLS-----	4,101	4,101	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	4,360	4,360	-----
3312 SLAG-----	5,000	-----	5,000
3411 FABRICATED METAL PRODUCTS-----	1,412	1,412	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,653	4,733	920
3611 ELECTRICAL MACH AND EQUIP-----	2,220	2,220	-----
3701 AIRCRAFT AND PARTS-----	49	-----	49
3731 SHIPS AND BOATS-----	12,522	12,522	-----

TON-MILES, OCEANGOING, 7,973,010.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND		OUTBOUND NORTHBOUND		THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND		OUTBOUND SOUTHBOUND		THROUGH SOUTHBOUND
TOTAL-----	634,993	1,027	2,370	4,523	429,933	3,931	1,742	766	190,701				
0133 COFFEE-----	1,186	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,186
0911 FRESH FISH, EXCEPT SHELLFISH-----	515	-----	36	1	4	30	68	1	374	-----	-----	-----	374
0912 SHELLFISH, EXCEPT PREPARED-----	12,627	805	1,045	2,250	-----	3,901	1,176	470	2,882	-----	-----	-----	2,882
2002 ANIMAL FEEDS-----	818	-----	-----	-----	818	-----	-----	-----	-----	-----	-----	-----	818
2001 SUGAR-----	21,458	-----	-----	-----	21,458	-----	-----	-----	-----	-----	-----	-----	21,458
2005 ICE-----	2,220	-----	-----	-----	2,220	-----	-----	-----	-----	-----	-----	-----	2,220
2099 MISCELLANEOUS FOOD PRODUCTS-----	20,109	-----	-----	-----	20,109	-----	-----	-----	-----	-----	-----	-----	20,109
2211 BASIC TEXTILE PRODUCTS-----	6,042	-----	-----	-----	2,440	-----	-----	-----	-----	-----	-----	-----	3,602
2601 WOOD MANUFACTURES, NEC-----	41	-----	-----	-----	41	-----	-----	-----	-----	-----	-----	-----	41
2611 PULP-----	102,889	-----	-----	-----	101,794	-----	-----	-----	-----	-----	-----	-----	1,095
2631 PAPER AND PAPERBOARD-----	60,537	-----	-----	-----	59,170	-----	-----	-----	-----	-----	-----	-----	1,367
2810 SODIUM HYDROXIDE-----	32,200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	32,200
2821 PLASTIC MATERIALS-----	4,854	-----	-----	2,030	2,824	-----	-----	-----	-----	-----	-----	-----	-----
2870 FERTILIZER AND MATERIALS, NEC-----	1,370	-----	-----	-----	1,370	-----	-----	-----	-----	-----	-----	-----	-----
2911 GASOLINE-----	10,230	-----	-----	-----	11,571	-----	-----	-----	-----	-----	-----	-----	4,659
2914 DISTILLATE FUEL OIL-----	7,266	-----	548	36	4,014	-----	-----	-----	-----	-----	-----	-----	2,668
2915 RESIDUAL FUEL OIL-----	109,559	-----	-----	-----	109,559	-----	-----	-----	-----	-----	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,668	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,668
3201 HIGH NONMETALLIC MINERAL PROD-----	146	-----	-----	-----	96	-----	-----	-----	-----	-----	-----	-----	50
3315 IRON, STEEL SHAPES, EXC SHEET-----	73,645	-----	-----	-----	97	-----	-----	-----	-----	-----	-----	-----	73,548
3316 IRON AND STEEL PLATES, SHEETS-----	1,818	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,818
3317 IRON AND STEEL PIPE AND TUBE-----	2,811	74	215	87	985	-----	-----	110	1,340	-----	-----	-----	10,300
3319 IRON AND STEEL PRODUCTS, NEC-----	37,278	-----	-----	-----	26,978	-----	-----	-----	-----	-----	-----	-----	3,573
3411 FABRICATED METAL PRODUCTS-----	8,912	-----	-----	51	5,288	-----	-----	-----	-----	-----	-----	-----	260
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,480	56	526	60	893	-----	498	185	355	-----	-----	-----	1,505
3611 ELECTRICAL MACH AND EQUIP-----	1,787	-----	-----	-----	1,432	-----	-----	-----	-----	-----	-----	-----	44,251
4024 PAPER WASTE AND SCRAP-----	1,505	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	101,022	-----	-----	-----	56,771	-----	-----	-----	-----	-----	-----	-----	-----

TON-MILES, INTERNAL, 42,093,805.

TONS, ALL TRAFFIC, 684,418.

TON-MILES, ALL TRAFFIC, 50,066,815.

BRUNSWICK HARBOR, GEORGIA

SECTION INCLUDED: FROM 32-FOOT CONTOUR IN THE OCEAN ACROSS THE BAR THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND TURTLE RIVER TO THE UPPER END OF THE ALLIED CHEMICAL COMPANY'S WHARF, FORMERLY ATLANTIC REFINING COMPANY WHARF, 20.4 MILES; FROM BRUNSWICK RIVER THROUGH EAST RIVER, TO THE UPPER END OF THE PROJECT IN ACADEMY CREEK, 2.7 MILES; FROM ST. SIMON SOUND THROUGH BACK RIVER TO MILL CREEK, THE UPPER END OF BACK RIVER IMPROVEMENT, 2.9 MILES; FROM RACK RIVER THROUGH TERRY CREEK TO THE GLYNN CANNING COMPANY'S WHARF, 1.8 MILES; A TOTAL DISTANCE OF 27.6 MILES. CONTROLLING DEPTHS: 31 FEET OVER THE BAR; 28 FEET THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND EAST RIVER TO THE FOOT OF SECOND AVENUE (CITY OF BRUNSWICK); 18 FEET IN EAST RIVER FROM SECOND AVENUE TO THE CONFLUENCE WITH ACADEMY CREEK; AND 28 FEET TO ALLIED CHEMICAL COMPANY'S WHARF (TURTLE RIVER), 12 FEET IN ACADEMY CREEK, AND 3.0 FEET IN RACK RIVER, TERRY CREEK 3 FEET. PROJECT DEPTHS: 32 FEET OVER THE BAR; 30 FEET IN BRUNSWICK, TURTLE, AND EAST RIVERS TO THE FOOT OF SECOND AVENUE; AND 27 FEET FROM SECOND AVENUE TO ACADEMY CREEK; 24 FEET IN ACADEMY CREEK; 20 FEET IN BACK RIVER, AND 10 FEET IN TERRY CREEK. NAVIGATION SEASON: ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	1,393,653	161	207,665	1978-----	1,820,165	190	72,354
1974-----	1,945,799	118	185,315	1979-----	1,643,869	-----	141,876
1975-----	1,430,354	238	131,366	1980-----	1,463,584	244	145,087
1976-----	1,685,810	4,124	127,478	1981-----	1,462,505	-----	217,792
1977-----	1,744,797	227	144,899	1982-----	1,567,546	137	159,558

SAVANNAH, GA, DISTRICT

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BRUNSWICK HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL-----	1,567,566	1,129,248	192,125	18,723	94,417	133,033
0105 RICE-----	9		9			
0119 NUTS, NEC-----	2	2				
0141 FRESH AND FROZEN VEGETABLES-----	12		12			
0011 FRESH FISH, EXCEPT SHELLFISH-----	30				30	
0012 SHELLFISH, EXCEPT PREPARED-----	296				296	
1001 NONFERROUS ORES, CONCENT, NEC-----	4,643		4,643			
1411 LIMESTONE-----	298,133	298,133				
1442 SAND, GRAVEL, CRUSHED ROCK-----	72		72			
1451 CLAY-----	18,088	18,017				
1471 PHOSPHATE ROCK-----	12,009	12,009				
1491 SALT-----	303,774	303,774				
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,634		1,634			
2012 MEAT AND PRODUCTS, NEC-----	1					
2014 TALLOW, ANIMAL FATS AND OILS-----	9		9			
2042 ANIMAL FEEDS-----	97,103		96,285			818
2061 SUGAR-----	36,010	24,620		11,387		
2081 ALCOHOLIC BEVERAGES-----	2		2			
2091 VEGETABLE OILS, MARG, SHORT-----	6					
2099 MISCELLANEOUS FOOD PRODUCTS-----	13		13			
2211 BASIC TEXTILE PRODUCTS-----	144		144			
2411 LOGS-----	15		15			
2421 LUMBER-----	815	173	642			
2431 VENEER, PLYWOOD, WORKED WOOD-----	14		14			
2511 FURNITURE AND FIXTURES-----	1		1			
2611 PULP-----	180,326		85,332			94,994
2631 PAPER AND PAPERBOARD-----	2,161		604			1,557
2691 PULP AND PAPER PRODUCTS, NEC-----	12		12			
2810 SODIUM HYDROXIDE-----	39,536			7,336		32,200
2819 BASIC CHEMICALS AND PROD, NEC-----	44		44			
2821 PLASTIC MATERIALS-----	2,824					2,824
2841 SOAP-----	1					
2851 PAINTS-----	16,545	16,540	5			
2861 GUM AND WOOD CHEMICALS-----	1,200	95	1,105			
2871 NITROGENOUS CHEM FERTILIZERS-----	38,395	38,395				
2873 PHOSPHATIC CHEM FERTILIZERS-----	335,112	335,112				
2879 FERTILIZER AND MATERIALS, NEC-----	2,094	2,094				
2891 MISCELLANEOUS CHEMICAL PROD-----	25		25			
2915 RESIDUAL FUEL OIL-----	147,853	79,746			68,107	
2916 LUBRICATING OILS AND GREASES-----	101		101			
2921 LIQUEFIED GASES-----	53		53			
2951 ASPHALT BUILDING MATERIALS-----	21		21			
3011 RUBBER AND MISC PLASTIC PROD-----	36		36			
3241 BUILDING CEMENT-----	97		97			
3251 STRUCTURAL CLAY PRODUCTS-----	1		1			
3271 LIME-----	15		15			
3291 MISC NONMETALLIC MINERAL PROD-----	256		160		96	
3315 IRON, STEEL SHAPES, EXC SHEET-----	25,700		7		25,693	
3316 IRON AND STEEL PLATES, SHEETS-----	3		3			
3317 IRON AND STEEL PIPE AND TUBE-----	584		4			580
3319 IRON AND STEEL PRODUCTS, NEC-----	5		5			
3321 NONFERROUS METALS, NEC-----	1		1			
3329 ALUMINUM AND ALLOYS, UNWORKED-----	9		9			
3411 FABRICATED METAL PRODUCTS-----	117		117			
3511 MACHINERY, EXCEPT ELECTRICAL-----	980	533	192		195	60
3611 ELECTRICAL MACH AND EQUIP-----	49		49			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	174	5	169			
3731 SHIPS AND BOATS-----	4		4			
3791 MISC TRANSPORTATION EQUIPMENT-----	9		9			
4011 IRON AND STEEL SCRAP-----	2		2			
4022 TEXTILE WASTE, SCRAP, SWEEP-----	153		153			
4112 COMMODITIES, NEC-----	1		1			
9999 DEPARTMENT OF DEFENSE AND SCI-----	12		12			
TOTAL TON-MILES, 13,103,681.						

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILES	PASSENGERS
PROJECT				
ALABAMA RIVER, GA.	0911 FRESH FISH, EXCEPT SHELLFISH	80		
	0912 SHELLFISH, EXCEPT PREPARED	20		
	TOTAL	104	12,000	
DARIEN HARBOR, GA.	NO COMMERCE REPORTED			
SATILLA RIVER, GA.	0911 FRESH FISH, EXCEPT SHELLFISH	5		
	0912 SHELLFISH, EXCEPT PREPARED	390		
	TOTAL	395	125	
SAVANNAH RIVER REGION AUGUSTA, GA.	0911 FRESH FISH, EXCEPT SHELLFISH	50		
	0912 SHELLFISH, EXCEPT PREPARED	692		
	3511 MACHINERY, EXCEPT ELECTRICAL	185		
	3611 ELECTRICAL MACH AND EQUIP	2,840		
	TOTAL	3,976	127,346	259
ST. MARYS RIVER, GA. AND FLA.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	2915 RESIDUAL FUEL OIL	41,452		
	TOTAL	41,453	165,812	

JACKSONVILLE, FL, DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)

SECTION INCLUDED: FERNANDINA HARBOR, FLA., TO ST. JOHNS RIVER, 21.9 MILES, CONTROLLING DEPTH: 8 FEET AND 4.6 FEET, PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,023,745	1978-----	739,772
1974-----	871,213	1979-----	675,061
1975-----	707,455	1980-----	756,744
1976-----	869,486	1981-----	716,945
1977-----	844,583	1982-----	546,408

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		INTERNAL		THROUGH
		THROUGH	THROUGH	INBOUND	OUTBOUND	INBOUND	OUTBOUND	
		NORTHBOUND	SOUTHBOUND	NORTHBOUND	NORTHBOUND	NORTHBOUND	SOUTHBOUND	SOUTHBOUND
TOTAL-----	546,408	43,436	5,989	237,406	7,220	148,312	35,456	73,589
0133 COFFEE-----	1,186							1,186
0911 FRESH FISH, EXCEPT SHELLFISH-----	374						374	
0912 SHELLFISH, EXCEPT PREPARED-----	2,882						2,882	
2061 SUGAR-----	32,843	11,349				21,494		
2095 ICE-----	2,220				2,220			
2491 WOOD MANUFACTURES, NEC-----	41					41		
2810 SODIUM HYDROXIDE-----	34,903	2,703					32,200	
2813 ALUMINUM-----	4,101	4,101						
2871 NITROGENOUS CHEM FERTILIZERS-----	4,360	4,360						
2879 FERTILIZER AND MATERIALS, NEC-----	1,370					1,370		
2911 GASOLINE-----	11,603					6,944		4,659
2914 DISTILLATE FUEL OIL-----	7,230					4,562		2,668
2915 RESIDUAL FUEL OIL-----	346,965			237,406		109,559		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,668							3,668
3291 MISC NONMETALLIC MINERAL PROD-----	50							50
3312 SLAG-----	5,000		5,000					
3315 IRON, STEEL SHAPES, EXC SHEET-----	47,855							47,855
3317 IRON AND STEEL PIPE AND TUBE-----	2,650					1,200		1,450
3319 IRON AND STEEL PRODUCTS, NEC-----	10,300							10,300
3411 FABRICATED METAL PRODUCTS-----	1,432	1,412						20
3511 MACHINERY, EXCEPT ELECTRICAL-----	7,066	4,733	920			1,073		340
3611 ELECTRICAL MACH AND EQUIP-----	4,007	2,220				1,832		355
3721 AIRCRAFT AND PARTS-----	69		69					
3731 SHIPS AND BOATS-----	12,522	12,522						
4112 COMMODITIES, NEC-----	1,711					673		1,038
TOTAL TON-MILES,-----	8,122,078							

JACKSONVILLE HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO THE FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE, 26.1 MILES, CONTROLLING DEPTH: 36 FEET, OCEAN TO MILE 20, EXCEPT FOR SHOALS IN THE OUTSIDE QUARTER: 31 FEET, MILE 20 TO COMMODORE POINT, PROJECT DEPTH: 34 FEET FROM OCEAN TO MILE 20, 34 FEET TO COMMODORE POINT, THEN 30 FEET TO FLORIDA EAST COAST RAILWAY BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	15,513,590	2,069	1978-----	15,712,893	2,172
1974-----	14,794,938	955	1979-----	15,278,004	
1975-----	13,495,764	1,233	1980-----	15,644,000	
1976-----	14,397,951	3,304	1981-----	15,843,640	290
1977-----	15,108,032	4,492	1982-----	12,892,163	382

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	12,892,163	2,212,811	2,359,952	5,370,972	956,065	72,587	1,484,221	435,555
0102 BARLEY AND RYE-----	5				5			
0103 CORN-----	28		28					
0105 RICE-----	349	3	346					
0106 SOYBEAN GRAINS-----	3		3					
0119 OILSEEDS, NEC-----	45,051		45,014		37			
0121 TOBACCO, LEAF-----	6,151	6,058	51		42			
0122 HAY AND FODDER-----	62			19	43			
0129 FIELD CROPS, NEC-----	605	489	26		90			
0131 FRESH FRUITS-----	14,367	14	19,121	284	24			
0133 COFFEE-----	92,582	82,103	97	3,795	5,401	1,186		
0134 COCOA BEANS-----	114	114						

JACKSONVILLE HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
0141 FRESH AND FROZEN VEGETABLES-----	3,747	243	3,288	66	130	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	7,317	15	136	-----	7,166	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	8,016	8	6,867	1,016	125	-----	-----	-----
0841 CRUDF RUBBER AND ALLIED GUMS-----	231	102	4	-----	125	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	227	180	7	-----	40	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,398	2,136	137	105	-----	20	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	2,566	222	222	20	901	1,141	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	278	258	20	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	1,207	-----	1,207	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	1,211	-----	1,187	24	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	451	451	-----	-----	-----	-----	-----	-----
1411 LIMESTONE-----	628,618	628,610	A	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,614	-----	181	-----	1,433	-----	-----	-----
1451 CLAY-----	23,782	250	22,547	-----	985	-----	-----	-----
1471 PHOSPHATE ROCK-----	533,949	-----	506,738	-----	27,211	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	157	-----	40	-----	117	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	148	56	27	-----	65	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	7	7	-----	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	22,488	1,301	6,888	327	13,978	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	20,704	8,524	214	106	11,860	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	225	-----	-----	-----	225	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	1,505	24	609	-----	872	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	1,645	243	334	41	1,027	-----	-----	-----
2022 DRIED MILK AND CREAM-----	3,503	2,812	2	21	668	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	4,379	2,451	66	1,834	28	-----	-----	-----
2036 VEGETABLES AND PREP, NEC-----	4,071	2,389	1,089	191	482	-----	-----	-----
2039 DRIED FRUIT AND VEG JUICE, NFE-----	93,707	17,883	27,941	1,212	46,711	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	1,328	-----	1,038	-----	290	-----	-----	-----
2042 ANIMAL FEEDS-----	6,740	45	2,441	-----	4,254	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	2,531	1,100	975	61	595	-----	-----	-----
2061 SUGAR-----	29	-----	-----	11	18	-----	-----	-----
2062 MOLASSES-----	1,868	-----	14	21	1,833	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	73,483	48,838	1,958	15,664	7,023	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	2,647	318	344	-----	1,985	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	16	16	-----	-----	-----	-----	-----	-----
2094 GROCERIES-----	76	-----	-----	-----	76	-----	-----	-----
2095 ICE-----	3,924	-----	-----	-----	-----	3,924	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	274,077	11,528	2,476	87,337	172,736	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	1,170	99	600	313	167	-----	-----	-----
2111 NASTIC TEXTILE PRODUCTS-----	4,105	1,171	1,470	688	776	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	197	-----	-----	-----	197	-----	-----	-----
2311 APPAREL-----	18,423	367	903	3,359	14,194	-----	-----	-----
2411 LOGS-----	3,800	-----	3,800	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	1,261	4	1,257	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	3,845	-----	56	-----	3,789	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS-----	246	-----	246	-----	-----	-----	-----	-----
2421 LUMBER-----	61,626	40,937	5,689	20	14,980	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,834	205	257	-----	2,372	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	19,314	487	732	1,459	16,595	41	-----	-----
2511 FURNITURE AND FIXTURES-----	18,093	2,305	651	1,083	14,058	-----	-----	-----
2611 PULP-----	49,388	-----	49,388	-----	-----	-----	-----	-----
2621 STANDARD NEWSRINT PAPER-----	450	-----	-----	-----	450	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	131,163	2,089	123,559	11	5,504	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	111,965	2,856	2,885	15,751	98,473	-----	-----	-----
2711 PRINTED MATTER-----	1,401	130	56	398	1,017	-----	-----	-----
2810 SODIUM HYDROXIDE-----	44,374	-----	-----	44,374	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	12,549	12,461	-----	-----	88	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	41	-----	41	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	123	-----	-----	-----	119	-----	-----	-----
2818 SULPHURIC ACID-----	379	-----	-----	-----	379	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	111,846	7,583	20,587	24,414	59,302	-----	-----	-----
2821 PLASTIC MATERIALS-----	4,384	924	2,017	-----	1,443	-----	-----	-----
2822 SYNTHETIC RUBBER-----	23	-----	23	-----	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	907	161	691	-----	55	-----	-----	-----
2831 DRUGS-----	1,191	512	71	482	166	-----	-----	-----
2841 SOAP-----	5,435	868	609	1,090	2,468	-----	-----	-----
2851 PAINTS-----	6,984	4,038	230	-----	2,716	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	16,227	-----	8,650	7,471	106	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	1,401	965	436	-----	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	1,142,294	-----	1,142,280	-----	14	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	129,674	-----	129,674	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	3,284	923	2,157	161	47	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	67,446	47	68,932	-----	467	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	10,911	4,024	6,553	-----	334	-----	-----	-----
2911 GASOLINE-----	1,776,767	-----	5	1,748,506	4,659	9,243	14,334	-----
2912 JET FUEL-----	470,947	-----	-----	278,925	-----	50,772	141,250	-----
2913 KEROSENE-----	18,277	-----	-----	18,277	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	806,536	18,147	-----	806,568	5,333	4,562	45,526	-----
2915 RESIDUAL FUEL OIL-----	4,289,609	746,265	-----	1,898,246	-----	1,410,653	234,845	-----
2916 LUBRICATING OILS AND GREASES-----	31,237	32	29	20,259	9,917	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,412	-----	-----	1,363	49	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMES-----	125,205	22,647	1	102,517	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	239	24	129	86	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	897	9	-----	-----	888	-----	-----	-----
2951 ASPHALT BUILDING MATERIAL-----	254	-----	3	-----	251	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NFE-----	36,726	368	-----	36,288	114	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	31,743	5,423	1,341	3,058	21,291	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	3,471	604	72	2,777	18	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	2,658	2,313	230	-----	115	-----	-----	-----
3241 BUILDING CEMENT-----	182,779	96	449	142,124	118	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	4,649	1,434	3,463	-----	752	-----	-----	-----
3271 LIME-----	52	52	-----	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	5,379	317	1	3,914	1,147	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	8,782	1,045	4,314	165	987	-----	2,270	-----

JACKSONVILLE, FL, DISTRICT

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JACKSONVILLE HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3312 SLAG-----	140	-----	-----	-----	140	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	20	-----	20	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	169,772	65,296	42,406	-----	10,215	47,655	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	205	-----	205	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUB-----	6,149	3,088	500	-----	521	750	1,200	-----
3318 FERROALLOYS-----	3,264	-----	3,264	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	31,624	1,132	11,799	7,507	887	10,300	-----	-----
3321 NONFERROUS METALS, NEC-----	352	248	13	1	90	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	615	488	98	17	16	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	98	61	-----	-----	37	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,666	4,324	301	-----	41	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	69,569	7,280	3,682	3,170	55,817	20	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	49,032	13,433	8,059	1,179	25,310	240	811	-----
3611 ELECTRICAL MACH AND EQUIP-----	60,756	2,833	7,640	4,545	45,721	5	12	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	459,779	406,240	30,982	643	21,918	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	63	7	14	-----	-----	-----	40	-----
3731 SHIPS AND BOATS-----	2,594	173	2,349	-----	72	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,979	712	4,065	4	198	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	3,901	848	132	2,910	11	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	3,622	1,747	223	951	701	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	614	20	478	116	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	1,630	52	1,582	-----	36	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	520	46	360	-----	114	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	4,892	-----	4,890	2	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	6,325	-----	-----	6,325	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	287,445	4,120	244	66,400	214,970	1,038	673	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	274	-----	274	-----	-----	-----	-----	-----
TOTAL TON-MILES, 237,327,048.								

ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY

SECTION INCLUDED: FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE TO LAKE HARNEY, 161.5 MILES; SIDE CHANNEL TO ENTERPRISE, 2.7 MILES, CONTROLLING DEPTH: 10.9 FEET, JACKSONVILLE TO UNITED STATES NAVAL AIR STATION, 11.1 FEET TO SANFORD, 8.8 FEET IN ENTERPRISE CHANNEL, 4 FEET, SANFORD TO LAKE HARNEY. PROJECT DEPTH: 13 TO 12 FEET, JACKSONVILLE TO SANFORD, 140.6 MILES, AND 12 FEET IN ENTERPRISE CHANNEL, 5 FEET, SANFORD TO LAKE HARNEY, 20.9 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,058,297	1978-----	1,558,023
1974-----	972,958	1979-----	1,516,374
1975-----	1,154,664	1980-----	1,476,207
1976-----	1,231,882	1981-----	1,549,213
1977-----	1,160,926	1982-----	1,118,148

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		THROUGH UPBOUND
		INBOUND	OUTBOUND	
TOTAL-----	1,118,148	1,102,543	20	15,565
0911 FRESH FISH, EXCEPT SHELLFISH-----	20	-----	20	-----
2012 JET FUEL-----	50,772	50,772	-----	-----
2015 RESIDUAL FUEL OIL-----	1,063,668	1,048,123	-----	15,545
2017 NAPHTHA, PETROLEUM SOLVENTS-----	3,668	3,668	-----	-----
TOTAL TON-MILES, 139,278,771.				

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.

SECTION INCLUDED: ST. JOHNS RIVER TO MIAMI, FLA., 349 MILES, CONTROLLING DEPTH: 12 FEET, ST. JOHNS RIVER TO FT. PIERCE AND 10 FEET FROM PORT PIERCE TO MIAMI EXCEPT FOR WIDELY SEPARATED SPOT SHOALS IN OUTSIDE QUARTERS. PROJECT DEPTH: 12 FEET, JACKSONVILLE TO PORT PIERCE THENCE 10 FEET TO MIAMI, 349 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	EXCURSION PASSENGERS	YEAR	TONS	EXCURSION PASSENGERS
1973-----	1,182,475	207,741	1978-----	1,147,362	542,181
1974-----	1,505,434	213,699	1979-----	1,475,644	502,242
1975-----	1,228,094	612,508	1980-----	1,218,075	530,752
1976-----	1,393,370	518,881	1981-----	1,021,748	612,718
1977-----	1,269,218	515,950	1982-----	1,103,945	558,136

Waterborne Commerce of the United States, 1982

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INBOUND	OUTBOUND	INTERNAL		THROUGH	
		NORTHBOUND	SOUTHBOUND			NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	1,103,955	54,088	15,496	901,567	4,937	11,151	777	64,351	51,548
0861 FOREST PRODUCTS, NEC-----	120			120					
0911 FRESH FISH, EXCEPT SHELLFISH-----	9,813			4,555	77	5,181			
0912 SHELLFISH, EXCEPT PREPARED-----	6,124			212	1,052	4,860			
1442 SAND, GRAVEL, CRUSHED ROCK-----	13,808				50	300		13,458	
1451 CLAY-----	150			150					
2061 SUGAR-----	43,543	22,085						21,458	
2095 ICE-----	2,390			10	1,683		697		
2810 SODIUM HYDROXIDE-----	4,252	4,252							
2813 ALCOHOLS-----	4,101	4,101							
2871 NITROGENOUS CHEM FERTILIZERS-----	4,360	4,360							
2879 FERTILIZER AND MATERIALS, NEC-----	1,370							1,370	
2911 GASOLINE-----	2,319								2,319
2914 DISTILLATE FUEL OIL-----	7,300							2,665	4,635
2915 RESIDUAL FUEL OIL-----	943,957		9,699	894,754				20,799	18,701
3291 MISC NONMETALLIC MINERAL PROD-----	2,320								2,320
3312 SLAG-----	5,000		5,000						
3317 IRON AND STEEL PIPE AND TUBE-----	900							200	700
3411 FABRICATED METAL PRODUCTS-----	2,067	300		332	85	200		1,150	
3511 MACHINERY, EXCEPT ELECTRICAL-----	13,769	5,664	220	1,430	1,640	460	80	1,831	2,440
3611 ELECTRICAL MACH AND EQUIP-----	2,570	800						1,420	350
3721 AIRCRAFT AND PARTS-----	109		69						40
3731 SHIPS AND BOATS-----	13,113	12,522	508						83
4112 COMMODITIES, NEC-----	500				350	150			
TOTAL TON-MILES-----	29,729,405								

CANAVERAL HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL FROM 37-FOOT DEPTH IN THE ATLANTIC OCEAN TO THE BARRIER BEACH 2.6 MILES, 36 FEET TO IRREGULAR-SHAPED TURNING BASIN 36 FEET DEEP, THENCE A BARGE CANAL 12 FEET DEEP THROUGH A LOCK IN THE PERIMETER DIKE TO THE INTRACOASTAL WATERWAY, A TOTAL OF 11.5 MILES. CONTROLLING DEPTHS ARE THE SAME AS THE FOREGOING PROJECT DEPTHS EXCEPT FOR ISOLATED SHOALING, IN THE ENTRANCE CHANNELS) AND CONSIDERABLE SHOALING ALONG BOUNDARY LIMITS IN THE BARGE CANAL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	2,362,974	1978-----	3,434,024
1974-----	3,241,780	1979-----	3,473,243
1975-----	2,937,221	1980-----	2,706,932
1976-----	3,078,775	1981-----	2,574,634
1977-----	2,807,463	1982-----	2,536,585

* PASSENGERS--23,154.

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL-----	2,536,585	1,111,969	111,150	404,666	7,880	900,920
0131 FRESH FRUITS-----	8,993		8,993			
0141 FRESH AND FROZEN VEGETABLES-----	223	223				
0861 FOREST PRODUCTS, NEC-----	4		4			
0911 FRESH FISH, EXCEPT SHELLFISH-----	906	150				
0912 SHELLFISH, EXCEPT PREPARED-----	4,800	63	15		4,722	
1442 SAND, GRAVEL, CRUSHED ROCK-----	88		88			
1491 SALT-----	30,984	30,984				
2011 MEAT, FRESH, CHILLED, FROZEN-----	84		84			
2031 FISH AND SHELLFISH, PREPARED-----	64	56	8			
2039 PREP FRUIT AND VEG JUICE, NEC-----	63,839	60,930	2,909			
2095 ICE-----	3,450					3,450
2099 MISCELLANEOUS FOOD PRODUCTS-----	2		2			
2421 LUMBER-----	405		405			
2631 PAPER AND PAPERBOARD-----	27,761	27,761				
2711 PRINTED MATTER-----	2		2			
2819 BASIC CHEMICALS AND PROD, NEC-----	66		66			
2891 MISCELLANEOUS CHEMICAL PROD-----	84		84			
2911 GASOLINE-----	105,884			103,549	2,319	
2912 JET FUEL-----	10,672			10,672		
2914 DISTILLATE FUEL OIL-----	86,831			86,166		2,665
2915 RESIDUAL FUEL OIL-----	1,665,591	637,454		131,379		894,758
2918 ASPHALT, TAR, AND BITUMENS-----	24,347	20,893		3,454		
2991 PETROLEUM AND COAL PROD, NEC-----	36,226			36,226		
3241 BUILDING CEMENT-----	363,086	329,872	14	33,200		
3315 IRON, STEEL SHAPES, EXC SHEET-----	5		5			
3411 FABRICATED METAL PRODUCTS-----	3,583	3,583				
3511 MACHINERY, EXCEPT ELECTRICAL-----	47					47
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2		2			
3731 SHIPS AND BOATS-----	83				83	
3911 MISC MANUFACTURED PRODUCTS-----	2		2			

JACKSONVILLE, FL, DISTRICT

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CANAVERAL HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
4011 IRON AND STEEL SCRAP-----	97,978	-----	97,978	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	489	-----	489	-----	-----	-----
TOTAL TON-MILES, 4,169,498.						

PALM BEACH HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO PORT OF PALM BEACH TERMINALS, 1.5 MILES; LAKE WORTH FROM RIVIERA BRIDGE TO SOUTHERN BOULEVARD BRIDGE AT WEST PALM BEACH, 7.5 MILES; AND "PALM BEACH, FLA., SIDE CHANNEL AND BASIN," CONTROLLING DEPTH: 32 FEET, OCEAN TO TURNING BASIN AT PORT OF PALM BEACH TERMINALS, AND 33 FEET IN TURNING BASIN; 12 FEET IN CHANNEL THROUGH LAKE WORTH; AND 3.5 FEET IN PALM BEACH SIDE CHANNEL AND BASIN. PROJECT DEPTH: 35 FEET PLUS OVERDEPTH IN ENTRANCE CHANNEL FROM OCEAN MERGING WITH AN INNER CHANNEL 33 FEET DEEP TO AND INCLUDING TURNING BASIN AT PORT OF PALM BEACH TERMINALS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	1,283,658	9,500	1978-----	734,022	1,366
1974-----	1,097,230	1,500	1979-----	1,000,760	-----
1975-----	1,022,628	15,100	1980-----	1,624,561	434
1976-----	1,026,085	4,194	1981-----	2,232,902	955
1977-----	681,978	779	1982-----	1,646,237	433

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	SHIPMENTS	INTERNAL RECEIPTS	SHIPMENTS
TOTAL-----	1,646,237	135,039	472,439	467,916	597,300	1,549	21,904
0102 BARLEY AND RYE-----	59	-----	59	-----	-----	-----	-----
0103 CORN-----	209	-----	209	-----	-----	-----	-----
0104 OATS-----	22	-----	22	-----	-----	-----	-----
0105 RICE-----	10,819	-----	10,819	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	91	-----	91	-----	-----	-----	-----
0111 SOYBEANS-----	15	-----	15	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	517	-----	517	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	1,922	-----	1,922	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	60	-----	60	-----	-----	-----	-----
0131 FRESH FRUITS-----	2,558	-----	2,558	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	625	-----	625	-----	-----	-----	-----
0133 COFFEE-----	132	-----	132	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	4,436	-----	4,436	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	82	-----	82	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	516	-----	516	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	12	-----	12	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,759	-----	1,759	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	380	-----	380	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	102	-----	102	-----	-----	-----	-----
1411 LIMESTONE-----	140	-----	140	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	7	-----	7	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	875	-----	875	-----	-----	-----	-----
1451 CLAY-----	38	-----	38	-----	-----	-----	-----
1491 SALT-----	693	-----	693	-----	-----	-----	-----
1492 SULPHUR, DRY-----	0	-----	0	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	33	-----	33	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	8	-----	8	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	7,512	-----	7,493	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	3,072	-----	3,032	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	74	-----	74	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	2,025	-----	2,025	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	11,683	-----	11,565	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	877	-----	877	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	5,719	-----	5,719	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	6,896	-----	6,896	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	5,541	-----	5,541	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	35,898	-----	35,898	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	4,977	-----	4,973	-----	-----	-----	-----
2061 SUGAR-----	615,823	-----	6,050	-----	548,315	-----	21,458
2062 MOLASSES-----	180,374	-----	171,299	-----	9,075	-----	-----
2081 ALCOHOLIC BEVERAGES-----	28,599	-----	28,337	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	4,440	-----	4,440	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	37	-----	37	-----	-----	-----	-----
2095 ICE-----	371	-----	-----	-----	-----	-----	371
2099 MISCELLANEOUS FOOD PRODUCTS-----	8,766	-----	8,622	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	426	-----	409	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	2,629	-----	2,625	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	10	-----	10	-----	-----	-----	-----
2311 APPAREL-----	781	-----	617	-----	-----	-----	-----
2411 LOGS-----	37	-----	37	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	92	-----	92	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	337	-----	337	-----	-----	-----	-----
2421 LUMBER-----	8,717	-----	8,675	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	3,052	-----	3,052	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	2,055	-----	2,055	-----	-----	-----	-----

Waterborne Commerce of the United States, 1982

PALM BEACH HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
2511 FURNITURE AND FIXTURES-----	2,485	97	2,388	-----	-----	-----	-----
2611 PULP-----	213	10	203	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	2,172	4	2,168	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	6,125	6	6,119	-----	-----	-----	-----
2711 PRINTED MATTER-----	854	2	852	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2	-----	2	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	32	-----	32	-----	-----	-----	-----
2813 ALCOHOLS-----	4	-----	4	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	12,150	130	12,020	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	2,529	-----	2,529	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	16	-----	16	-----	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	11	-----	11	-----	-----	-----	-----
2831 DRUGS-----	3,225	17	3,208	-----	-----	-----	-----
2841 SOAP-----	5,661	184	5,477	-----	-----	-----	-----
2851 PAINTS-----	1,293	12	1,281	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	749	-----	749	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	5,005	-----	5,000	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	912	-----	912	-----	-----	-----	-----
2874 INSECTICIDES, DISINFECTANTS-----	239	62	177	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	1,738	-----	1,738	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	2,849	10	2,839	-----	-----	-----	-----
2911 GASOLINE-----	56	-----	56	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	242	-----	242	-----	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	521,726	74,582	446,146	-----	-----	-----	-----
2916 LUBRICATING OILS AND GREASES-----	2,306	19	2,287	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	39	-----	39	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	522	-----	522	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	1,923	1,396	527	-----	-----	-----	-----
2931 ASPHALT BUILDING MATERIALS-----	1,127	-----	1,127	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	23	-----	23	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	4,720	37	4,683	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	549	14	535	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	4,213	-----	4,213	-----	-----	-----	-----
3241 BUILDING CEMENT-----	75,088	52,200	6,118	16,770	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	3,828	-----	3,828	-----	-----	-----	-----
3271 LIME-----	243	-----	243	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	115	-----	115	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3,422	33	3,422	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	806	-----	806	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	151	-----	151	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	814	-----	814	-----	-----	-----	-----
3318 FERROALLOYS-----	1,242	-----	1,242	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	265	-----	265	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	456	6	450	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	299	-----	299	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	15	-----	15	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	351	5	346	-----	-----	-----	-----
3411 FARRICATED METAL PRODUCTS-----	12,448	33	12,411	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	22,393	106	22,112	-----	-----	100	75
3611 ELECTRICAL MACH AND EQUIP-----	7,170	191	6,979	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,043	84	6,959	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	734	-----	734	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	653	-----	653	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,109	10	1,099	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	891	3	888	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	346	330	16	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	57	57	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	50	-----	50	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	3,130	166	2,964	-----	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	98	-----	98	-----	-----	-----	-----
TOTAL TON-MILES,-----	3,351,258	-----	-----	-----	-----	-----	-----

PORT EVERGLADES HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO TERMINALS AT PORT EVERGLADES, 1.6 MILES; SECTION OF INTRACOASTAL WATERWAY, LOS OLAS BOULEVARD BRIDGE, PORT LAUDERDALE, FLA., TO WASHINGTON STREET, HOLLYWOOD, FLA., 8.7 MILES; DANIA CUT-OFF CANAL, 6 MILES; AND "NEW RIVER, FLA." PROJECT, 7.9 MILES. CONTROLLING DEPTH: 40 FEET IN ENTRANCE CHANNELS 37 FEET THROUGH TURNING BASIN TO MAIN SLIP AT PORT EVERGLADES; 18 FEET IN INTRACOASTAL WATERWAY SECTION; 8 FEET IN NEW RIVER IN 1956, AND 6.5 IN DANIA CUT-OFF CANAL. PROJECT DEPTH: 40 FEET, ATLANTIC OCEAN TO STATION 41 CONVERGING TO 37 FEET AT STATION 51. THENCE 37 FEET TO AND INCLUDING TURNING BASIN AT PORT EVERGLADES TERMINALS, AND 6 FEET IN NEW RIVER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	12,541,730	356,530	1978-----	11,963,825	1,268,789
1974-----	11,556,514	323,310	1979-----	13,030,616	1,000,000
1975-----	10,427,161	1,345,684	1980-----	13,247,691	988,000
1976-----	12,020,700	1,028,101	1981-----	12,031,162	1,150,000
1977-----	11,428,434	1,029,595	1982-----	11,447,534	982,952

JACKSONVILLE, FL, DISTRICT

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PORT EVERGLADES MARINA, FLA.--CONTINUED

FREIGHT TRAFFIC, 1962

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	11,487,539	1,730,352	216,903	8,960,519	490,356	37,141	49,747	6,522
0103 CORN-----	5		5					
0105 RICE-----	283		283					
0106 SORGHUM GRAINS-----	1		1					
0119 OILSEEDS, NEC-----	222	142	80					
0121 TOBACCO, LEAF-----	17,715	17,695	20					
0129 FIELD CROPS, NEC-----	77	57	20					
0131 FRESH FRUITS-----	9,431	477	4,954					
0132 BANANAS AND PLANTAINS-----	8,468	8,440	28					
0133 COFFEE-----	2,742	2,713	29					
0134 COCOA BEANS-----	58	58						
0149 FRESH AND FROZEN VEGETABLES-----	1,578	1,062	516					
0161 ANIMALS AND PRODUCTS, NEC-----	500	435	65					
0191 MISCELLANEOUS FARM PRODUCTS-----	272	45	227					
0843 CRUDE RUBBER AND ALLIED GUMS-----	13	13						
0861 FOREST PRODUCTS, NEC-----	399	225	54				120	
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,130	1,042	88					
0912 SHELLFISH, EXCEPT SHELLFISH-----	830	708	126					
1051 ALUMINUM ORES, CONCENTRATED-----	48	48						
1121 COAL AND LIGNITE-----	21	21						
1311 CRUDE PETROLEUM-----	343,806				343,806			
1411 LIMESTONE-----	84,454	84,444	454					
1412 BUILDING STONE, UNWORKED-----	74		74					
1442 SAND, GRAVEL, CRUSHED ROCK-----	47,321	43	30,870		13,454			2,954
1451 CLAY-----	750	181	419				150	
1491 SALT-----	521	17	504					
1499 NONMETALLIC MINERALS, NEC-----	2,100	20	2,080					
1911 ORDNANCE AND ACCESSORIES-----	118	118						
2011 MEAT, FRESH, CHILLED, FROZEN-----	10,584	8,180	2,364					
2012 MEAT AND PRODUCTS, NEC-----	2,236	1,053	1,183					
2014 TALLOW, ANIMAL FATS AND OILS-----	35	35						
2015 ANIMAL BY-PRODUCTS, NEC-----	927	927						
2021 DAIRY PRODUCTS, NEC-----	4,658	4,236	422					
2022 DRIED MILK AND CREAM-----	6,701	6,615	86					
2031 FISH AND SHELLFISH, PREPARED-----	973	932	41					
2034 VEGETABLES AND PREP, NEC-----	6,113	5,805	308					
2039 PREP FRUIT AND VEG JUICE, NEC-----	19,381	2,737	16,644					
2041 WHEAT FLOUR AND SEMOLINA-----	137		137					
2042 ANIMAL FEEDS-----	3,517	144	3,373					
2049 GRAIN MILL PRODUCTS, NEC-----	2,708	2,213	495					
2061 SUGAR-----	800	471	329					
2081 ALCOHOLIC BEVERAGES-----	103,407	100,295	3,112					
2091 VEGETABLE OILS, MARB, SHORT-----	1,324	956	368					
2092 ANIMAL OILS AND FATS, NEC-----	237	237						
2099 MISCELLANEOUS FOOD PRODUCTS-----	13,293	11,511	1,782					
2111 TOBACCO MANUFACTURES-----	412	344	68					
2211 BASIC TEXTILE PRODUCTS-----	2,483	1,510	973					
2311 APPAREL-----	312	147	165					
2411 LOGS-----	54		54					
2413 FUEL WOOD, CHARCOAL, WASTES-----	20	3	17					
2414 TIMBER, POSTS, POLES, PILING-----	279		279					
2421 LUMBER-----	67,879	63,209	4,670					
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,666	153	1,513					
2491 WOOD MANUFACTURES, NEC-----	1,580	390	1,190					
2511 FURNITURE AND FIXTURES-----	5,093	4,222	871					
2611 PULP-----	3		3					
2631 PAPER AND PAPERBOARD-----	73,273	72,664	609					
2691 PULP AND PAPER PRODUCTS, NEC-----	1,639	338	1,301					
2711 PRINTED MATTER-----	737	674	63					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	26	14	12					
2812 DYES, PIGMENT, TANNING MATS-----	13		13					
2819 BASIC CHEMICALS AND PROD, NEC-----	10,620	2,133	8,487					
2821 PLASTIC MATERIALS-----	15,214	14,906	308					
2822 SYNTHETIC RUBBER-----	107		107					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	211	147	64					
2831 DRUGS-----	2,879	2,845	34					
2841 SOAP-----	2,046	1,511	535					
2851 PAINTS-----	1,755	1,076	679					
2861 GUM AND WOOD CHEMICALS-----	22		22					
2873 PHOSPHATIC CHEM FERTILIZERS-----	6,181	6,174	7					
2876 INSECTICIDES, DISINFECTANTS-----	863	794	69					
2879 FERTILIZER AND MATERIALS, NEC-----	490	1	489					
2891 MISCELLANEOUS CHEMICAL PROD-----	1,901	405	1,496					
2911 GASOLINE-----	5,455,993	84,632	1,213	5,350,062	20,046			
2912 JET FUEL-----	2,127,947			2,125,278	2,669			
2913 KEROSENE-----	115,372	85,189	100	30,083				
2914 DISTILLATE FUEL OIL-----	934,365	73,435		850,616	9,679			4,635
2915 RESIDUAL FUEL OIL-----	1,021,955	514,418		335,071	112,966	20,794		34,701
2916 LUBRICATING OILS AND GREASES-----	2,184	156	1,045	983				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	15,077			15,077				
2918 ASPHALT, TAR, AND BITUMENS-----	302,971	218,840	648	83,483				
2921 LIQUEFIED GASES-----	76,444	12	7	76,425				
2951 ASPHALT BUILDING MATERIALS-----	4,248		4,248					
3011 RUBBER AND MISC PLASTIC PROD-----	4,319	3,280	1,039					
3111 LEATHER AND LEATHER PRODUCTS-----	874	821	57					
3211 GLASS AND GLASS PRODUCTS-----	4,073	3,627	446					
3241 BUILDING CEMENT-----	292,350	193,331	5,839	93,160				
3251 STRUCTURAL CLAY PRODUCTS-----	24,229	23,078	1,151					
3271 LIME-----	27		27					
3281 CUT STONE AND STONE PRODUCTS-----	7,255	7,026	229					
3291 MISC NONMETALLIC MINERAL PROD-----	6,962	1,904	5,058					
3314 IRON AND STEEL PRIMARY FORMS-----	2		2					
3315 IRON, STEEL SHAPES, EXC SHEET-----	37,190	35,531	1,659					

Waterborne Commerce of the United States, 1982

PORT EVERGLADES HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL SHIPMENTS	
3316 IRON AND STEEL PLATES, SHEETS-----	377	18	359	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	3,805	2,910	895	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,789	1,765	24	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	323	212	111	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	290	235	55	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	60	60	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,310	1,933	377	-----	-----	-----
3611 FABRICATED METAL PRODUCTS-----	20,149	12,966	4,265	-----	1,190	482
3612 MACHINERY, EXCEPT ELECTRICAL-----	18,922	9,508	2,724	60	1,234	3,090
3613 ELECTRICAL MACH AND EQUIP-----	3,767	1,753	2,014	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,704	1,730	3,066	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	82	42	40	-----	-----	-----
3731 SHIPS AND BOATS-----	1,052	496	556	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	344	-----	344	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	523	379	144	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	2,120	1,704	416	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	72,495	1	72,494	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	666	40	606	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	139	-----	139	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	4,381	-----	4,381	-----	-----	-----
4112 COMMODITIES, NEC-----	13,383	12,689	494	-----	200	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	14	-----	14	-----	-----	-----
TOTAL TON-MILES, 22,574,836.						

MIAMI HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO INNER END OF TURNING BASIN AT MIAMI, 6 MILES; MELOY CHANNEL AND THENCE NATURAL CHANNELS ALONG THE EASTERLY SIDE OF BISCAYNE BAY TO BAKERS MAULOVER INLET, FLA., ABOUT 11 MILES; CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER, 1.1 MILES; EXISTING FLORIDA EAST COAST RAILWAY CHANNEL, FISHERMANS CHANNEL FROM MOUTH OF MIAMI RIVER TO GOVERNMENT CUT, 3 MILES; AND THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." CONTROLLING DEPTHS: 30 FEET IN MIDDLE HALF OF ENTRANCE CHANNEL AND TURNING BASIN; ABOUT 19 FEET IN MELOY CHANNEL, AND THENCE 6.5 FEET IN NATURAL CHANNELS ALONG EASTERLY SIDE OF BISCAYNE BAY TO BAKERS MAULOVER INLET; ABOUT 12 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; AND 6.5 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL; AND THE DEPTHS REPORTED UNDER "MIAMI RIVER, FLA." PROJECT DEPTHS: 30 FEET IN ENTRANCE CHANNEL, OCEAN TO AND INCLUDING TURNING BASIN AT MIAMI; 15 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." AND 8 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	5,569,009	750,000	1976-----	3,667,050	1,368,580
1974-----	4,141,487	569,011	1979-----	3,576,771	812,440
1975-----	3,585,001	1,720,606	1980-----	3,929,398	817,446
1976-----	3,708,755	1,641,111	1981-----	3,626,026	809,072
1977-----	3,404,543	1,553,982	1982-----	3,160,063	866,000

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL SHIPMENTS	
TOTAL-----	3,160,063	772,699	1,617,044	334,811	365,163	45,969
0101 COTTON, RAW-----	447	100	347	-----	-----	-----
0102 BARLEY AND RYE-----	41	-----	41	-----	-----	-----
0103 CORN-----	1,163	-----	1,163	-----	-----	-----
0104 OATS-----	83	-----	83	-----	-----	-----
0105 RICE-----	9,315	-----	9,315	-----	-----	-----
0106 SORGHUM GRAINS-----	888	-----	888	-----	-----	-----
0107 WHEAT-----	3	-----	3	-----	-----	-----
0111 SOYBEANS-----	9	-----	9	-----	-----	-----
0119 OILSEEDS, NEC-----	3,348	2,310	1,028	-----	10	-----
0121 TOBACCO, LEAF-----	11,496	8,882	2,696	-----	-----	-----
0129 FIELD CROPS, NEC-----	700	240	393	-----	-----	-----
0131 FRESH FRUITS-----	41,320	203	41,007	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	94,645	94,571	74	-----	-----	-----
0133 COFFEE-----	106,181	95,513	5,271	-----	10	-----
0134 COCOA BEANS-----	333	333	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	43,144	21,753	20,857	111	427	-----
0151 LIVE ANIMALS-----	6	4	2	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	4,082	692	3,366	-----	24	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	4,311	2,683	1,615	-----	13	-----
0801 CRUD RUBBER AND ALLIED GUMS-----	3,171	22	3,131	-----	18	-----
0801 FOREST PRODUCTS, NEC-----	1,062	574	484	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	13,164	2,764	8,644	241	1,519	-----
0912 SHELLFISH, EXCEPT PREPARED-----	22,248	21,052	874	39	275	-----
1011 IRON ORE AND CONCENTRATES-----	168	-----	168	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	76	37	39	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	183	-----	183	-----	-----	-----
1121 COAL AND LIGNITE-----	672	-----	672	-----	-----	-----
1411 LIMESTONE-----	1,501	-----	1,499	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	2,323	-----	2,323	-----	-----	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	9,194	1,834	5,361	-----	19	-----
1451 CLAY-----	9,528	20	9,508	-----	-----	-----

JACKSONVILLE, FL, DISTRICT

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MIAMI HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1471 PHOSPHATE ROCK-----	205		205					
1491 SALT-----	1,416	4	1,412					
1492 SULPHUR, DRY-----	235		235					
1499 GYPSUM, CRUDE AND PLASTERS-----	249				249			
1499 NONMETALLIC MINERALS, NEC-----	4,547	1	4,494		52			
1911 ORDNANCE AND ACCESSORIES-----	745	468	277					
2011 MEAT, FRESH, CHILLED, FROZEN-----	107,530	47,219	58,369	597	1,344			
2012 MEAT AND PRODUCTS, NEC-----	15,950	1,136	9,902	43	4,869			
2014 TALLOW, ANIMAL FATS AND OILS-----	24,774		24,561		213			
2015 ANIMAL BY-PRODUCTS, NEC-----	985	449	534					
2021 DAIRY PRODUCTS, NEC-----	10,277	1,541	8,603	86	47			
2022 DRIED MILK AND CREAM-----	7,859	78	7,007	774				
2031 FISH AND SHELLFISH, PREPARED-----	19,074	5,728	11,706	1,640				
2034 VEGETABLES AND PREP, NEC-----	33,232	6,919	26,069	191	53			
2039 PREP FRUIT AND VEG JUICE, NEC-----	49,101	25,595	35,819	2,866	4,871			
2041 WHEAT FLOUR AND SEMOLINA-----	2,008		2,008					
2042 ANIMAL FEEDS-----	22,439	73	22,707	41	14			
2049 GRAIN MILL PRODUCTS, NEC-----	21,427	1,072	20,252	103				
2061 SUGAR-----	11,339	2,454	8,885					
2062 MOLASSES-----	9,106		8,639	92	375			
2081 ALCOHOLIC BEVERAGES-----	59,247	21,956	28,345	8,817	129			
2091 VEGETABLE OILS, MARG, SHORT-----	12,143	369	11,774					
2092 ANIMAL OILS AND FATS, NEC-----	1,998		1,998					
2094 GROCERIES-----	17				17			
2095 ICE-----	448				448			
2099 MISCELLANEOUS FOOD PRODUCTS-----	59,416	4,853	48,974	3,153	2,436			
2111 TOBACCO MANUFACTURES-----	12,041	2,386	9,474	141				
2211 BASIC TEXTILE PRODUCTS-----	65,739	6,325	56,935	12	467			
2212 TEXTILE FIBERS, NEC-----	261		239		22			
2311 APPAREL-----	27,380	11,237	15,400	470	183			
2411 LOGS-----	3,978		3,978					
2413 FUEL WOOD, CHARCOAL, WASTES-----	448	17	431					
2414 TIMBER, POSTS, POLES, PILING-----	1,608	430	1,073		105			
2416 WOOD CHIPS, STAVES, MOLDINGS-----	402	1	401					
2421 LUMBER-----	51,462	15,859	35,603					
2431 VENEER, PLYWOOD, WORKED WOOD-----	13,711	3,234	10,477					
2491 WOOD MANUFACTURES, NEC-----	29,109	10,132	18,779	25	173			
2511 FURNITURE AND FIXTURES-----	23,203	4,841	18,092	24	246			
2611 PULP-----	2,157		2,157					
2621 STANDARD NEWSPRINT PAPER-----	406			1	405			
2631 PAPER AND PAPERBOARD-----	96,763	25,146	71,544	11	22			
2691 PULP AND PAPER PRODUCTS, NEC-----	38,134	1,723	36,050	1	360			
2711 PRINTED MATTER-----	15,912	365	15,447	46	14			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	128		128					
2812 DYES, PIGMENT, TANNING MATS-----	635		635					
2815 ALCOHOLS-----	75		75					
2816 RADIOACTIVE MATERIALS, WASTES-----	27		3	22				
2819 RASIC CHEMICALS AND PROD, NEC-----	52,174	1,242	50,658	16	254			
2821 PLASTIC MATERIALS-----	38,558	808	37,203		547			
2822 SYNTHETIC RUBBER-----	2,093		2,093					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	20,225	65	20,140					
2831 DRUGS-----	6,311	48	6,141	37	45			
2841 SOAP-----	25,084	741	23,263	346	734			
2851 PAINTS-----	8,527	452	7,770	46	219			
2861 GUM AND WOOD CHEMICALS-----	474	88	386					
2871 NITROGENOUS CHEM FERTILIZERS-----	2,454		2,454					
2872 POTASSIC CHEM FERTILIZERS-----	304		304					
2873 PHOSPHATIC CHEM FERTILIZERS-----	2,573		2,573					
2876 INSECTICIDES, DISINFECTANTS-----	4,286	83	4,222	21				
2879 FERTILIZER AND MATERIALS, NEC-----	3,554	142	3,397		15			
2891 MISCELLANEOUS CHEMICAL PROD-----	22,089	1,499	20,464	31	95			
2911 GASOLINE-----	1,654		1,654					
2913 KEROSENE-----	146		146					
2914 DISTILLATE FUEL OIL-----	15,569		183	9,424	4,635			1,325
2915 RESIDUAL FUEL OIL-----	770,926	132,278	268,955	310,185	38,701			20,798
2916 LUBRICATING OILS AND GREASES-----	6,088	14	5,802		272			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	37				37			
2918 ASPHALT, TAR, AND BITUMENS-----	11,734	9,250	2,484					
2920 COKE, PETROLEUM COKE-----	1,800	1,357	443					
2921 LIQUEFIED GASES-----	621		710		111			
2931 ASPHALT BUILDING MATERIALS-----	5,026		4,848	64	110			
2991 PETROLEUM AND COAL PROD, NEC-----	600		600					
3011 RUBBER AND MISC PLASTIC PROD-----	65,337	5,249	58,950	142	974			
3111 LEATHER AND LEATHER PRODUCTS-----	9,117	3,705	5,335	66	11			
3211 GLASS AND GLASS PRODUCTS-----	35,599	5,968	29,345		286			
3241 BUILDING CEMENT-----	3,800	61	2,862		877			
3251 STRUCTURAL CLAY PRODUCTS-----	46,432	35,004	11,771		57			
3271 LIME-----	550		550					
3281 CUT STONE AND STONE PRODUCTS-----	25,396	24,931	467					
3291 MISC NONMETALLIC MINERAL PROD-----	23,362	4,656	18,526		131			
3314 IRON AND STEEL PRIMARY FORMS-----	268		268					
3315 IRON, STEEL SHAPES, ENC SHEET-----	8,025	1,877	6,107	41				
3316 IRON AND STEEL PLATES, SHEETS-----	6,609	126	6,483					
3317 IRON AND STEEL PIPE AND TUBE-----	6,612	1,121	4,527	90	674			200
3318 FERROALLOYS-----	1,420	59	1,361					
3319 IRON AND STEEL PRODUCTS, NEC-----	3,941	1,705	2,110	111	15			
3321 NONFERROUS METALS, NEC-----	2,785	92	2,692	1				
3322 COPPER ALLOYS, UNWORKED-----	4,868	460	4,392	16				
3323 LEAD AND ZINC, UNWORKED-----	347	110	237					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	6,351	1,323	4,763	36	229			
3411 FABRICATED METAL PRODUCTS-----	84,838	19,544	64,346	223	725			
3511 MACHINERY, EXCEPT ELECTRICAL-----	151,258	10,461	136,805	603	614	1,110	1,555	50
3611 ELECTRICAL MACH AND EQUIP-----	134,215	22,066	103,793	342	4,074			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	104,562	6,602	94,651	963	2,346			

MIAMI HARBOR, FLA.--CONTINUED
FREIGHT TRAFFIC, 1982--CONTINUED
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3721 AIRCRAFT AND PARTS-----	346	23	323	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	6,145	2,496	3,500	-----	149	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	7,206	-----	7,206	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	8,265	2,481	5,689	95	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	30,721	9,538	20,445	141	97	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	1,699	39	1,586	74	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	2,258	1,515	707	36	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	5,369	-----	5,323	26	20	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	31,274	1	31,273	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	64,666	6,307	11,953	27,596	18,908	-----	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	1,394	-----	1,394	-----	-----	-----	-----	-----
TOTAL TON-MILES, 14,090,509.								

MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF
MIAMI HARBOR, FLA.)

SECTION INCLUDED: MOUTH TO N. W. 36TH STREET BRIDGE, 5.7 MILES, CONTROLLING DEPTH: 4.7 FEET AT MEAN LOW WATER FROM MOUTH TO MIAMI CANAL, AND THENCE TO 9.3 FEET TO N. W. 36TH STREET BRIDGE, 1.5 MILES, PROJECT DEPTH: 15 FEET UNDER FLOOD CONDITIONS FROM MOUTH TO A POINT 5.5 MILES UPSTREAM.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	310,679	-----	1978-----	326,943	400,000
1974-----	310,717	59	1979-----	368,458	400,000
1975-----	196,318	455,050	1980-----	394,391	405,400
1976-----	293,489	357,547	1981-----	412,707	404,536
1977-----	339,001	400,000	1982-----	445,803	400,000

FREIGHT TRAFFIC, 1982
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	SHIPMENTS	RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL-----	445,803	94,304	347,878	50	1,523	673	1,375	
0101 COTTON, RAW-----	127	-----	127	-----	-----	-----	-----	-----
0103 CORN-----	83	-----	83	-----	-----	-----	-----	-----
0105 RICE-----	2,084	-----	2,084	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	1	-----	1	-----	-----	-----	-----	-----
0107 WHEAT-----	3	-----	3	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	66	-----	66	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	1,215	204	1,009	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	127	-----	127	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	3,589	12	3,577	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS-----	71,024	70,980	44	-----	-----	-----	-----	-----
0133 COFFEE-----	6,461	2,017	4,444	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	9,104	3,820	5,284	-----	-----	-----	-----	-----
0151 LIVE ANIMALS-----	4	-----	-----	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	1,824	206	1,618	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	701	23	678	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	130	-----	130	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	29	-----	29	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,327	628	1,699	-----	1,519	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	3,568	3,549	19	-----	4	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	63	-----	63	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	1	-----	1	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENTRATES-----	3	-----	3	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	13	-----	13	-----	-----	-----	-----	-----
1411 LIMESTONE-----	639	-----	639	-----	-----	-----	-----	-----
1412 BUILDING STONE, UNWORKED-----	1,230	-----	1,230	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,509	-----	1,509	-----	-----	-----	-----	-----
1451 CLAY-----	1,083	-----	1,083	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	130	-----	130	-----	-----	-----	-----	-----
1491 SALT-----	244	-----	244	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	806	-----	806	-----	-----	-----	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	31	-----	31	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	10,671	5,180	5,491	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	1,481	-----	1,481	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	7,107	-----	7,107	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	1,513	-----	1,513	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	1,343	-----	1,343	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	835	468	367	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	3,242	51	3,191	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	12,593	1,084	11,509	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	744	-----	744	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	6,785	41	6,744	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	6,458	18	6,440	-----	-----	-----	-----	-----
2061 SUGAR-----	4,087	-----	4,087	-----	-----	-----	-----	-----
2062 MOLASSES-----	37	-----	37	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	13,408	-----	13,408	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	1,910	3	1,907	-----	-----	-----	-----	-----
2095 ICE-----	448	-----	-----	-----	-----	448	-----	-----

JACKSONVILLE, FL, DISTRICT

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MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF
MIAMI HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
2099 MISCELLANEOUS FOOD PRODUCTS-----	16,977	800	16,177					
2111 TOBACCO MANUFACTURES-----	2,312	100	2,212					
2211 BASIC TEXTILE PRODUCTS-----	6,138	189	5,949					
2212 TEXTILE FINERS, NEC-----	16		16					
2311 APPAREL-----	5,505	1,274	4,229					
2411 LOGS-----	53		53					
2413 FUEL WOOD, CHARCOAL, WASTES-----	154		154					
2414 TIMBER, POSTS, POLES, PILING-----	377		377					
2416 WOOD CHIPS, STAVES, MOLDINGS-----	134		134					
2421 LUMBER-----	24,866	225	24,641					
2431 VENEER, PLYWOOD, WORKED WOOD-----	4,847		4,847					
2491 WOOD MANUFACTURES, NEC-----	8,827	188	8,639					
2511 FURNITURE AND FIXTURES-----	4,954	28	4,926					
2611 PULP-----	1,420		1,420					
2631 PAPER AND PAPERBOARD-----	20,129	4	20,125					
2691 PULP AND PAPER PRODUCTS, NEC-----	8,309	2	8,307					
2711 PRINTED MATTER-----	951	22	929					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	89		89					
2812 DYES, PIGMENT, TANNING MATS-----	88		88					
2813 ALCOHOLS-----	4		4					
2819 BASIC CHEMICALS AND PROD, NEC-----	10,456		10,456					
2821 PLASTIC MATERIALS-----	3,190	6	3,184					
2822 SYNTHETIC RUBBER-----	52		52					
2823 SYNTHETIC (MAN-MADE) FINERS-----	715		715					
2831 DRUGS-----	617		617					
2841 SOAPS-----	5,905	51	5,854					
2851 PAINTS-----	1,900		1,900					
2861 GUM AND WOOD CHEMICALS-----	209		209					
2871 NITROGENOUS CHEM FERTILIZERS-----	25		25					
2873 PHOSPHATIC CHEM FERTILIZERS-----	533		533					
2876 INSECTICIDES, DISINFECTANTS-----	254		254					
2879 FERTILIZER AND MATERIALS, NEC-----	921		921					
2891 MISCELLANEOUS CHEMICAL PROD-----	2,351	12	2,339					
2911 GASOLINE-----	304		304					
2914 DISTILLATE FUEL OIL-----	1,484		159					1,325
2916 LUBRICATING OILS AND GREASES-----	3,442		3,442					
2918 ASPHALT, TAR, AND BITUMENS-----	1,550	230	1,320					
2920 COKE, PETROLEUM COKE-----	164	154	10					
2921 LIQUEFIED GASES-----	55		55					
2951 ASPHALT BUILDING MATERIALS-----	2,950		2,950					
2991 PETROLEUM AND COAL PROD, NEC-----	277		277					
3011 RUBBER AND MISC PLASTIC PROD-----	8,816		8,816					
3111 LEATHER AND LEATHER PRODUCTS-----	1,703	39	1,664					
3211 GLASS AND GLASS PRODUCTS-----	3,196		3,196					
3241 BUILDING CEMENT-----	1,523		1,523					
3251 STRUCTURAL CLAY PRODUCTS-----	2,381	97	2,284					
3271 LIME-----	530		530					
3281 CUT STONE AND STONE PRODUCTS-----	288	100	188					
3291 MISC NONMETALLIC MINERAL PROD-----	5,607	101	5,506					
3314 IRON AND STEEL PRIMARY FORMS-----	196		196					
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,416		2,416					
3316 IRON AND STEEL PLATES, SHEETS-----	2,358		2,358					
3317 IRON AND STEEL PIPE AND TUBE-----	2,554	6	2,548			200		
3318 FERROALLOYS-----	90		90					
3319 IRON AND STEEL PRODUCTS, NEC-----	891		891					
3321 NONFERROUS METALS, NEC-----	710		710					
3322 COPPER ALLOYS, UNWORKED-----	708		708					
3323 LEAD AND ZINC, UNWORKED-----	36		36					
3326 ALUMINUM AND ALLOYS, UNWORKED-----	519	88	431					
3411 FABRICATED METAL PRODUCTS-----	13,488	157	13,331					
3511 MACHINERY, EXCEPT ELECTRICAL-----	12,273	122	12,151					
3611 ELECTRICAL MACH AND EQUIP-----	13,891	1,120	12,771	50		25	50	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	13,716	79	13,637					
3721 AIRCRAFT AND PARTS-----	6		6					
3731 SHIPS AND BOATS-----	508	6	502					
3791 MISC TRANSPORTATION EQUIPMENT-----	1,486		1,486					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	806		806					
3911 MISC MANUFACTURED PRODUCTS-----	3,227	150	3,077					
4011 IRON AND STEEL SCRAP-----	340	9	331					
4012 NONFERROUS METAL SCRAP-----	131	105	26					
4022 TEXTILE WASTE, SCRAP, SHEEP-----	2,688		2,688					
4024 PAPER WASTE AND SCRAP-----	24,043		24,043					
4112 COMMODITIES, NEC-----	1,729	522	1,207					
9999 DEPARTMENT OF DEFENSE AND SCI-----	69		69					
TOTAL TON-MILES,-----	1,336,442							

INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.

SECTION INCLUDED: TURNING BASIN AT MIAMI TO KEY WEST, 158 MILES. CONTROLLING DEPTHS: 4.0 FEET FROM CAPE FLORIDA TO CROSS BANK, 55.6 MILES; THENCE TO KEY WEST, 5 FEET VIA NATURAL CHANNEL AMONG THE KEYS (THIS SECTION NOT CONSTRUCTED). PROJECT DEPTH: 7 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	1,278,577	1978-----	753,110
1974-----	1,037,168	1979-----	705,313
1975-----	1,184,392	1980-----	686,875
1976-----	1,000,306	1981-----	569,204
1977-----	728,253	1982-----	544,404

INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC			
		EXPORTS	COASTWISE	INTERNAL	INBOUND	OUTBOUND
TOTAL	364,898	1,610	347,885	2,225	1,449	11,729
0106 SORGHUM GRAINS-----	2	2				
0131 FRESH FRUITS-----	3	3				
0133 COFFEE-----	1	1				
0141 FRESH AND FROZEN VEGETABLES-----	45	45				
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,308				1,308	
0912 SHELLFISH, EXCEPT PREPARED-----	161				161	
2011 MEAT, FRESH, CHILLED, FROZEN-----	16	16				
2012 MEAT AND PRODUCTS, NEC-----	4	4				
2031 FISH AND SHELLFISH, PREPARED-----	1	1				
2034 VEGETABLES AND PREP, NEC-----	30	30				
2039 PREP FRUIT AND VEG JUICE, NEC-----	95	95				
2041 WHEAT FLOUR AND SEMOLINA-----	3	3				
2042 ANIMAL FEEDS-----	68	68				
2049 GRAIN MILL PRODUCTS, NEC-----	197	197				
2041 ALCOHOLIC BEVERAGES-----	203	203				
2091 VEGETABLE OILS, MARG, SHORT-----	13	13				
2095 ICE-----	11,669					11,669
2099 MISCELLANEOUS FOOD PRODUCTS-----	9	9				
2211 BASIC TEXTILE PRODUCTS-----	43	43				
2311 APPAREL-----	3	3				
2491 WOOD MANUFACTURES, NEC-----	16	16				
2511 FURNITURE AND FIXTURES-----	19	19				
2631 PAPER AND PAPERBOARD-----	31	31				
2691 PULP AND PAPER PRODUCTS, NEC-----	26	26				
2711 PRINTED MATTER-----	3	3				
2819 BASIC CHEMICALS AND PROD, NEC-----	41	41				
2821 PLASTIC MATERIALS-----	10	10				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1	1				
2831 DRUGS-----	3	3				
2841 SOAP-----	43	43				
2851 PAINTS-----	11	11				
2861 GUM AND WOOD CHEMICALS-----	1	1				
2891 MISCELLANEOUS CHEMICAL PROD-----	18	18				
2915 RESIDUAL FUEL OIL-----	3,0185		310,185			
2916 LUBRICATING OILS AND GREASES-----	2	2				
2918 ASPHALT, TAR, AND PITCHES-----	26	26				
2921 LIQUEFIED GASES-----	1	1				
3011 RUBBER AND MISC PLASTIC PROD-----	27	27				
3111 LEATHER AND LEATHER PRODUCTS-----	7	7				
3211 GLASS AND GLASS PRODUCTS-----	249	249				
3251 STRUCTURAL CLAY PRODUCTS-----	35	35				
3281 CUT STONE AND STONE PRODUCTS-----	1	1				
3291 MISC NONMETALLIC MINERAL PROD-----	33,849	24	33,825			
3316 IRON AND STEEL PLATES, SHEETS-----	3	3				
3319 IRON AND STEEL PRODUCTS, NEC-----	27	27				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	15	15				
3411 FABRICATED METAL PRODUCTS-----	2,214	64	2,150			
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,061	51	1,725	2,225		60
3611 ELECTRICAL MACH AND EQUIP-----	66	66				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	20	20				
3731 SHIPS AND BOATS-----	3	3				
3911 MISC MANUFACTURED PRODUCTS-----	23	23				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	2	2				
4112 COMMODITIES, NEC-----	3	3				
TOTAL TON-MILES, 27,730,064.						

JACKSONVILLE, FL, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MTLFB	PASSENGERS
PROJECT				
BAKERS MARLOVER INLET, FLA.,-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	360	360	73,320
EAU GALLIE HARBOR, FLA.,-----	NO COMMERCE REPORTED			
FERNANDINA HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	376		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,882		
	2095 ICE-----	7,220		
	2810 SODIUM HYDROXIDE-----	32,200		
	2915 RESIDUAL FUEL OIL-----	237,406		
	TOTAL-----	275,062		
FORT PIERCE HARBOR, FLA.,-----	0129 FIELD CROPS, NEC-----	1		
	0131 FRESH FRUITS-----	27,955		
	0141 FRESH AND FROZEN VEGETABLES-----	9,131		
	0191 MISCELLANEOUS FARM PRODUCTS-----	3		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	3,704		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	10,000		
	1451 CLAY-----	74,552		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	344		
	2095 ICE-----	589		
	2211 BASIC TEXTILE PRODUCTS-----	3		
	2491 WOOD MANUFACTURES, NEC-----	15		
	2691 PULP AND PAPER PRODUCTS, NEC-----	45		
	2819 BASIC CHEMICALS AND PROD, NEC-----	13		
	2871 NITROGENOUS CHEM FERTILIZERS-----	32		
	2873 PHOSPHATIC CHEM FERTILIZERS-----	6,117		
	2876 INSECTICIDES, DISINFECTANTS-----	19		
	2912 GASOLINE-----	8		
	3011 RUBBER AND MISC PLASTIC PROD-----	1		
	3411 FABRICATED METAL PRODUCTS-----	20		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	917		
	3611 ELECTRICAL MACH AND EQUIP-----	352		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	20		
	3731 SHIPS AND BOATS-----	10		
	3791 MISC TRANSPORTATION EQUIPMENT-----	2		
	4112 COMMODITIES, NEC-----	3,444		
	TOTAL-----	137,311	524,442	394
KEY WEST HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	4,170		
	0912 SHELLFISH, EXCEPT PREPARED-----	7,177		
	2095 ICE-----	20,463		
	2912 JET FUEL-----	14,435		
	2914 DISTILLATE FUEL OIL-----	3,414		
	2915 RESIDUAL FUEL OIL-----	124,244		
	3411 FABRICATED METAL PRODUCTS-----	1,150		
	3731 SHIPS AND BOATS-----	40		
	TOTAL-----	181,791	1,121,892	67,460
MELBOURNE HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	154		
	0912 SHELLFISH, EXCEPT PREPARED-----	294		
	2095 ICE-----	35		
	TOTAL-----	483	483	
NEW RIVER, FLA. (INCLUDED IN TRAFFIC OF PORT EVERGLADES HARBOR, FLA.)-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	150	590	7,320
OKLANAMA RIVER, FLA.,-----				61,480,000
PONCE DE LEON INLET, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	521		
	0912 SHELLFISH, EXCEPT PREPARED-----	144		
	2095 ICE-----	610		
	TOTAL-----	1,319	610	
RICE CREEK, FLA.,-----	2915 RESIDUAL FUEL OIL-----	15,565	62,260	
ST. AUGUSTINE HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	45		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,251		
	2095 ICE-----	4,373		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	160		
	3731 SHIPS AND BOATS-----	3,075		
	TOTAL-----	4,944	60,117	56,282
ST. LUCIE INLET, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,795		
	0912 SHELLFISH, EXCEPT PREPARED-----	2		
	4112 COMMODITIES, NEC-----	150		
	4118 WATERWAY IMPROVEMENT MAT-----	1,304		
	TOTAL-----	3,247	10,000	

* EXCURSION PASSENGERS CARRIED OVER SILVER SPRINGS RUN.

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN
NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA.

SECTION INCLUDED: NORFOLK, VA., TO THE ST. JOHNS RIVER, FLA., 739 MILES. FOR CONTROLLING AND PROJECT DEPTHS SEE TABLES OF INDIVIDUAL STRETCHES LISTED SEPARATELY.

COMPARATIVE STATEMENT OF TRAFFIC

EXPORT OF STATEMENT OF TRAFFIC							
YEAR		TONS	PASSENGERS	YEAR		TONS	PASSENGERS
1973	-----	3,931,592	75,646	1978	-----	5,094,836	149,387
1974	-----	3,537,217	82,327	1979	-----	5,066,145	97,020
1975	-----	3,218,552	150,652	1980	-----	3,906,184	83,920
1976	-----	4,470,292	202,323	1981	-----	4,166,209	143,125
1977	-----	4,403,739	106,328	1982	-----	3,106,634	159,608

FREIGHT TRAFFIC, 1982

OCEANGOING
(SHORT TONS

COMMODITY	TOTAL	DOMESTIC COASTWISE		
		SHIPMENTS	THROUGH	
			NORTHBOUND	SOUTHBOUND
TOTAL-----	54,425	40	43,436	10,989
2061 SUGAR-----	11,385		11,385	
2010 SODIUM HYDROXIDE-----	2,703		2,703	
2013 ALCOHOLS-----	4,101		4,101	
2071 NITROGENOUS CHEM FERTILIZERS-----	4,360		4,360	
3312 SLAG-----	10,000			10,000
3411 FABRICATED METAL PRODUCTS-----	1,412		1,412	
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,733		4,733	920
3611 ELECTRICAL MACH AND EQUIP-----	2,220		2,220	
3721 AIRCRAFT AND PARTS-----	69	40		29
3731 SHIPS AND BOATS-----	12,522		12,522	
TON-MILES, OCEANGOING, 31,250,000.				

INTERNAL
(SHORT TONS)

[illegible]

**ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT)
BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL**

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ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN
NORFOLK, VA., AND THE ST. JOHNS RIVER, FL.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND NORTHBOUND	OUTBOUND NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	INBOUND SOUTHBOUND	OUTBOUND SOUTHBOUND	THROUGH SOUTHBOUND
4924 PAPER WASTE AND SCRAP-----	1,505	-----	-----	-----	-----	-----	-----	-----	1,505
4112 COMMODITIES, NEC-----	105,205	-----	-----	-----	56,771	-----	-----	-----	48,434
TON-MILES, INTERNAL,	344,359,994.								
TONS, ALL TRAFFIC,	1,196,634.								
TON-MILES, ALL TRAFFIC,	375,610,083.								

Section 2
TRIPS AND DRAFTS OF VESSELS

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
PORTLAND HARBOR, MAINE--(CONTINUED)												
				INBOUND						OUTBOUND		
24		6		3	12	21		27		2		29
23		5		8	8	21		9		1		10
22			6	1	9	16		7	6	3		16
21		2			15	17		6				6
20		1			16	17		7	2			12
19		1			16	17		5		1		6
18 AND LESS	3,130	273	339		158	3,900	3,115	291	362	12	242	4,022
TOTAL	3,131	471	345	12	267	4,226	3,115	482	370	12	260	4,239
PORTSMOUTH HARBOR, N. H.												
				INBOUND						OUTBOUND		
35	6	18				24						
34		9				9	1					1
33	1	1				2	2					2
32	3	2			1	6	3					3
31	3	3				6						
30	1	2				3	1					1
29	2	1			1	4		1				1
28	1	3				4	3	2				5
27		2				2	2					2
26		7			1	8	3	5				8
25	1	4				5		11				11
24		5			3	8	8	11				20
23		1			1	2	2	12		1		14
22			1		2	3		6	1			7
21	3	1			1	5		2				2
20	1	1			2	4	2	3	2			7
19	3	1			6	10		1				1
18 AND LESS	1,352	46	66	1	36	1,501	1,348	49	66	1	47	1,511
TOTAL	1,377	107	67	1	54	1,606	1,375	103	69	1	48	1,596
SALEM HARBOR, MASS.												
				INBOUND						OUTBOUND		
30		22				22		2				2
29		1				1						
28		3				3						
27					2	2						
26		3			1	4		1				1
25					3	3						
24		1			1	2		15		1		16
23								4				4
22					4	4		1				1
21								3				3
20		1				1		2				2
19								1				1
18 AND LESS	3	151		1	6	161	2	149		18		169
TOTAL		34	151	1	19	205	31	149		18		199
PORT OF BOSTON, MASS.												
				INBOUND						OUTBOUND		
40	1					1						
38	2	16				18		1				1
37		15			1	17		1				1
36	3	28	1		2	33	2	3				5
35	1	55				56	4	5				9
34	3	62			1	66	3	15				18
33	4	30			2	36	3	2				5
32	10	22			4	36	10	5				15
31	24	6			5	35	14	2				16
30	43	12			11	66	38	5		3		46
29	34	6			27	67	30	3		1		34
28	51	11		1	8	71	44	9		3		56
27	71	15		11	7	104	68	11		2		81
26	46	16	2	1	10	75	44	28	2	3		77
25	37	13		1	21	72	33	25	1	4		63
24	30	8			37	75	27	80	1			108
23	21	4		1	50	76	18	18	1	4		33
22	10	9	8	1	19	47	13	26	8			49
21	4	4	1		26	35	9	15	2			26
20	14	7			35	56	25	20	4			50
19	17	3	13	1	18	52	28	8	11			51
18 AND LESS	2,682	305	1,557	22	484	5,050	2,693	350	1,575	39	673	5,330
TOTAL	3,108	647	1,582	39	768	6,144	3,106	624	1,605	39	721	6,095
MAIN WATERFRONT (PORT OF BOSTON)												
				INBOUND						OUTBOUND		
40	1					1						
38	2	16				18		1				1
37		15			1	17		1				1
36	3	28	1		2	31	2	3				5
35	1	55				56	4	5				9
34	3	62			1	66	3	15				18
33	4	30			2	36	3	2				5
32	10	22			4	36	10	5				15
31	24	6			5	35	14	2				16
30	43	12			11	66	38	5		3		46
29	34	6			27	67	30	3		1		34
28	51	11		1	8	71	44	9		3		56
27	71	15		11	7	104	68	11		2		81
26	46	16	2	1	10	75	44	28	2	3		77
25	37	13		1	21	72	33	25	1	4		63
24	30	8			37	75	27	80	1			108
23	21	4		1	50	76	18	18	1	4		33
22	10	9	8	1	19	47	13	26	8			49
21	4	4	1		26	35	9	15	2			26
20	14	7			35	56	25	20	4			50
19	17	3	13	1	18	52	28	8	11			51
18 AND LESS	2,682	305	1,557	22	484	5,050	2,693	350	1,575	39	673	5,330
TOTAL	3,108	647	1,582	39	768	6,144	3,106	624	1,605	39	721	6,095

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION			DIRECTION		
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
MAIN WATERFRONT (PORT OF BOSTON)--(CONTINUED)												
25 -	37	13		1	20	71	33	17	1			55
24 -	30	8	1		30	69	27	75				102
23 -	21	3		1	48	73	18	13	1			34
22 -	10	8	8	1	18	45	13	20	8			52
21 -	4	4	1		24	33	9	10	2			29
20 -	18	8			32	44	25	18	4			46
19 -	17	1	11	1	17	47	28	10	0			50
18 AND LESS-	2,678	251	1,355	21	301	4,646	2,692	339	1,379	35	570	5,017
TOTAL-	3,104	569	1,379	38	645	5,735	3,107	589	1,405	35	612	5,744
CHELSEA RIVER, MASS.												
35 -		49			2	51	1	1				2
34 -		31			1	32		4				4
33 -	1	15			2	18						
32 -	1	15			2	18	1	1				2
31 -	3	2			1	6	1			1		2
30 -	4	5			11	20	2	2		3		7
29 -		5			22	27				1		1
28 -	6	4			6	16	4	4		3		11
27 -	4	7			4	17	2	4				6
26 -	10	7	3		3	23		10	1	2		17
25 -	3	10			0	22	3	10			0	22
24 -	4	5			27	31	1	58	1			60
23 -	5	1			12	18	1	1		4		6
22 -	1	7	8		12	20	3	16	8	9		32
21 -	1	3			14	18	2	4		1		9
20 -		7			26	33	8	12	2	7		20
19 -		1	2		12	15	4	5	2	1		14
18 AND LESS-	4	118	578	2	234	940	10	157	584	5	351	1,107
TOTAL-	47	292	591	2	401	1,333	45	299	598	5	383	1,330
MYSTIC RIVER, MASS.												
35 -	2	38	1			42	2	7				9
34 -		7			1	7	1	9				10
33 -		6				6	3	1				4
32 -		1				1	3	2				5
31 -		2			1	3	1	1				2
30 -	1	3				4	1	3				4
29 -												1
28 -	1			1	1	3						1
27 -	1	1		11	1	14	1	1		1		3
26 -		2		1	4	7		1		1		4
25 -	2			1	9	12	1	5	1	2		9
24 -	4			1	5	9	1	7				8
23 -	6			1	33	40	1	2		1		4
22 -	2			1	5	8	3	8		2		13
21 -		1			4	5		5		2		7
20 -	4				1	5	4	3				7
19 -	5	1	13	1	2	22	3	1	11			15
18 AND LESS-	72	59	356	12	134	633	76	83	352	28	195	734
TOTAL-	100	121	370	29	201	621	101	143	364	28	204	640
WEYMOUTH FORE RIVER, MASS.												
35 -		7				7						
34 -		8				8						
33 -								1				1
32 -		1				1		1				1
30 -		1				1		1				1
29 -					2	2						
27 -		1			1	1						
26 -		1			2	3		1				1
25 -		1				1						
24 -		1			7	8		7				7
23 -					3	3		3				3
22 -					1	1		2				3
21 -					4	4		2				3
20 -					4	4						1
19 -		1			4	5						1
18 AND LESS-	10	64	211	3	108	388	3	68	210	3	109	393
TOTAL-	10	86	211	3	127	437	3	86	210	3	113	415
TOWN RIVER, MASS.												
24 -		4			6	10		3				3
23 -								1				1
22 -								1				1
21 -					1	1		1				1
20 -					1	1						
19 -					2	2		1				1
18 -		1			4	5		3				3
17 -					2	2						
16 -					1	1		1				1
15 -		2	11		13	13		2	13			15
14 -		5	2		1	8		7	4			11
13 -		4	3		7	7		3	3			3
12 AND LESS-		8	8		7	23		13	10		18	41
TOTAL-		24	24		25	73		33	30		18	81

Waterborne Commerce of the United States, 1982

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
CAPE COD CANAL, MASS.				EASTBOUND						WESTBOUND		
32 -	1	2			5	8		30	1		3	34
31 -		1	1		8	11						9
30 -	3				4	12	25	1	1			27
29 -	9	1	1	1	34	46	27	4				31
28 -	32	2		3	15	52	45	4			2	55
27 -	44	6		4	14	68	29	15			3	47
26 -	37	9	1		23	70	48	30			2	80
25 -	29	3			19	51	34	27	2	1		64
24 -	41	2	1	1	46	91	24	34	1		2	65
23 -	26	1	2	2	59	90	13	11	2		1	27
22 -	21	3	4		29	57	11	4	4	1	3	27
21 -	15		12		29	56	5	1	4		7	21
20 -	16		27	1	53	97	13	2	28		5	48
19 -	23	1	9	1	47	81	14		15		2	29
18 AND LESS -	192	155	1,324	147	468	2,310	216	169	1,307	139	769	2,600
TOTAL -	489	188	1,386	160	877	3,100	513	340	1,371	141	799	3,164
FALL RIVER HARBOR, MASS.				INBOUND						OUTBOUND		
34 -		10				10		2				2
33 -	2	2				4						
32 -	2	2				4		1				1
31 -		1				1						
30 -		1			1	2						
29 -	1	2			2	5	1					1
28 -	1	1			1	3		1				1
27 -		1			3	4						
26 -	1	2			5	8		1				1
25 -	2				3	5	1	2				3
24 -	3	1		1	6	11	1	6			1	7
23 -	4				4	8	4					5
22 -	11				5	16	13	6				19
21 -					11	11	2	1			2	5
20 -		3			11	14	1	2			1	4
19 -					20	20	2	1			1	4
18 AND LESS -	71	76	1,029	3	212	1,391	71	81	1,069	5	274	1,502
TOTAL -	98	102	1,029	4	284	1,517	96	104	1,069	5	281	1,555
PROVIDENCE RIVER AND HARBOR, R. I.				INBOUND						OUTBOUND		
37 -	1	1				2						
36 -	1	7				8	2	2				4
35 -		13			1	14	5	2				7
34 -	1	23				24	5	5				5
33 -	3	17			2	22	1	2				3
32 -	4	9			5	18	4	1				5
31 -	2	1			1	4	4	1		1		6
30 -	5	4			2	11	3	2				5
29 -	12	4			2	18	7	4				11
28 -	18	3				21	14	9			1	25
27 -	18	5			2	25	20	7				27
26 -	12	4			1	17	12	13			1	26
25 -	14				6	20	17	11			3	31
24 -	25	6			14	45	23	8			3	34
23 -	12	2			19	33	19	9			3	31
22 -	15	2	12		24	53	12	6	12		8	30
21 -	5	2			31	38	4	4			2	10
20 -	8	2			24	34	5	9				14
19 -	3	1			12	16	4	2			1	7
18 AND LESS -	209	119	1,136	51	406	1,921	211	130	1,135	50	498	2,024
TOTAL -	368	225	1,148	51	552	2,344	368	227	1,147	50	521	2,313
NEW LONDON HARBOR, CONN.				INBOUND						OUTBOUND		
32 -	1	3				4	1					1
31 -	1	1				3		1				1
30 -	3	2				5						
29 -	1	1				4	1	2				3
28 -	1					1		1				1
27 -	1	1				2	2	1				3
26 -	2	5				7	1	1				2
25 -	4					4	2					2
24 -	2	1			1	4	2	1				3
23 -	5	1			2	8	3	1				4
22 -	5	8				13		3				3
21 -	3	5			3	11	6	6				12
20 -	4	2			1	8	8	11				19
19 -	2				7	9	2	3				5
18 AND LESS -	4,270	36	216	40	263	4,825	4,290	39	214	31	275	4,640
TOTAL -	4,305	66	216	40	277	4,904	4,318	70	214	31	275	4,908
THAMES RIVER, CONN.				UPBOUND						DOWNBOUND		
20 -		16				16		16				16
19 -								3				3
18 -					10	10						
17 -			2		32	34			8			8
16 -					4	4						
15 -		5			5	10			2			2
14 -		9	22		3	34			24			24

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	
THAMES RIVER, CONN.--(CONTINUED)										
13 - - - - -		8	20	UPBOUND	7	35		12	DOWNBOUND	12
12 AND LESS - - - - -		4	56		21	81	26	52		160
TOTAL - - - - -		42	100		62	224	65	98	82	225
CONNECTICUT RIVER BELOW HARTFORD, CONN.										
18 - - - - -				UPBOUND	1	1			DOWNBOUND	
17 - - - - -			2		2	2		4		4
15 - - - - -								2		2
14 - - - - -			101		1	102		79		79
13 - - - - -		64	12		31	107		6		6
12 - - - - -		62	81		249	392	2	87	1	90
11 - - - - -		9	56		63	128		53		53
10 - - - - -		1	174		24	199	1	156	1	158
9 - - - - -			22		5	27		46	18	64
8 - - - - -	18		2		1	21	17	84	2	103
7 - - - - -	190		1			191	192			193
6 AND LESS - - - - -	10,668		6,462	6,462	2	23,594	10,668	2	6,462	23,961
TOTAL - - - - -	10,876	136	6,913	6,462	377	24,764	10,877	135	6,869	24,713
NEW HAVEN HARBOR, CONN.										
36 - - - - -	1	11		INBOUND		12	1	1	OUTBOUND	2
35 - - - - -		9				9	2			2
34 - - - - -	1	14			3	18		1		1
33 - - - - -		5			4	9		2		2
32 - - - - -	1	4			4	9	2	2		4
31 - - - - -	1	6			3	10				
30 - - - - -	3	5			1	9	2	4		6
29 - - - - -	8	2				10	3	2	1	6
28 - - - - -	7	7			4	18	5	6		11
27 - - - - -	8	5			4	17	9	4	1	14
26 - - - - -	7	2			7	16	8	9	1	18
25 - - - - -	7	2			12	21	5	7	3	15
24 - - - - -	2				22	24	9	6	4	21
23 - - - - -	10	1			25	36	5	7	1	13
22 - - - - -	2	2	13		19	36	7	8	13	38
21 - - - - -	4	1			14	19	2	3	5	8
20 - - - - -	5	1	2		30	38	3	5	4	16
19 - - - - -	7	2	2		24	35	7	3	5	15
18 AND LESS - - - - -	914	190	1,691	27	841	3,643	922	204	1,677	3,794
TOTAL - - - - -	988	269	1,708	27	1,017	4,009	992	278	1,694	3,986
HOUSATONIC RIVER, CONN.										
16 - - - - -			6	UPBOUND	54	61		4	DOWNBOUND	4
15 - - - - -					5	5		2		2
14 - - - - -			15		3	18		17		17
13 - - - - -			23		1	24		23		23
12 - - - - -			8	20		28	1	4		5
11 - - - - -			6			6		4		4
10 - - - - -			21			21		19		19
9 - - - - -			12			12		8		9
7 - - - - -		1			1	1			1	1
6 AND LESS - - - - -					1	1			17	63
TOTAL - - - - -		1	91	20	65	177	1	81	17	64
BRIDGEPORT HARBOR, CONN.										
34 - - - - -	1	14		INBOUND		15		1	OUTBOUND	1
33 - - - - -	5	2			7	7				
32 - - - - -	6	2			8	8	2			2
31 - - - - -	4	1			5	5				
30 - - - - -	5				7	7				
29 - - - - -	7				9	16	2			4
28 - - - - -	10				1	11	11	2	1	14
27 - - - - -	8	1			9	9	7		2	9
26 - - - - -	8	2			1	11	3	3		8
25 - - - - -	10				1	11	12	4	1	17
24 - - - - -	7	1			3	11	6	3	1	10
23 - - - - -	7				1	8	7		6	13
22 - - - - -	10				3	13	7	2	2	12
21 - - - - -	10				1	11	12			12
20 - - - - -	9		4		3	16	7	3	4	14
19 - - - - -	8				3	11	12	1		13
18 AND LESS - - - - -	22	186	569	45	506	1,328	39	188	557	1,330
TOTAL - - - - -	137	209	573	45	534	1,498	133	208	561	1,464
NORWALK HARBOR, CONN.										
17 - - - - -			2	INBOUND	3	5		6	OUTBOUND	6
16 - - - - -					70	70				
15 - - - - -			6		4	10		4		4
14 - - - - -			28		1	29		26		26
13 - - - - -		5	24		1	29		18		18
12 - - - - -		28	29	3	3	43		16		16
11 - - - - -		3	6			9		9		9
10 - - - - -			39	230	43	312	2	27	1	30

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
NORWALK HARBOR, CONN.--(CONTINUED)				INBOUND					OUTBOUND	
0 - - - - -			84	11	3		13	84		
1 - - - - -			6		1		9	8		
2 - - - - -			2				10	4		
3 AND LESS - - - - -	1,061			1		1,062	2		217	125
TOTAL - - - - -	1,061	36	224	245	124	1,062	36	202	218	125
STAMFORD HARBOR, CONN.				INBOUND					OUTBOUND	
16 - - - - -					1					
15 - - - - -					1					
14 - - - - -		14	4		17			4		
13 - - - - -		7	2		14					
12 AND LESS - - - - -	46	338		435	59	878	64	332	392	93
TOTAL - - - - -		64	344	435	96	943	64	336	392	93
ANDREWS RIVER, MASS.				NO VESSEL TRIPS	REPORTED					
ANNISQUAN RIVER, MASS.				NO VESSEL TRIPS	REPORTED					
APPONAUG COVE, R. I.				NO VESSEL TRIPS	REPORTED					
BAR HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 13 AND LESS - - - - -	451		2			853	850	2		852
BASS HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 8 AND LESS - - - - -	10,035					10,035				10,035
BEALS HARBOR, MAINE				NO VESSEL TRIPS	REPORTED					
BELFAST HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 14 AND LESS - - - - -	37		43		80	37		46		83
BEVERLY HARBOR, MASS.				INBOUND					OUTBOUND	
TOTAL, 12 AND LESS - - - - -	264		2		270	268		2		270
BOOTHBAY HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 10 AND LESS - - - - -	943				943	943				943
BRANFORD HARBOR, CONN.				NO VESSEL TRIPS	REPORTED					
BRISTOL HARBOR, R. I.				INBOUND					OUTBOUND	
TOTAL, 6 AND LESS - - - - -	859				859	859				859
BUNKER HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 5 AND LESS - - - - -	1,000				1,000	2,998				2,998
CAMDEN HARBOR, MAINE				NO VESSEL TRIPS	REPORTED					
CANAPITSIT CHANNEL, MASS.				UPBOUND					DOWNBOUND	
TOTAL, 6 AND LESS - - - - -	2				2	2				2
CAPE PORPOISE HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 5 AND LESS - - - - -	8,153				8,153	8,153				8,153
CARVERS HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 9 AND LESS - - - - -	6,807				6,807	6,802				6,802
CHATHAM (STAGE) HARBOR, MASS.				INBOUND					OUTBOUND	
TOTAL, 8 AND LESS - - - - -	328				328	324				328
CLINTON HARBOR, CONN.				NO VESSEL TRIPS	REPORTED					
CORSCOOK BAY, MAINE				NO VESSEL TRIPS	REPORTED					
COMASSET HARBOR, MASS.				NO VESSEL TRIPS	REPORTED					
COREA HARBOR, MAINE				INBOUND					OUTBOUND	
TOTAL, 4 AND LESS - - - - -	164				164	164				164
CRICHAVEN HARBOR, MAINE				NO VESSEL TRIPS	REPORTED					

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION								
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CROSS RIP SHOALS, NANTUCKET SOUND, MASS. TOTAL, 14 AND LESS - - - - -	273	11	9	FASTBOUND	8	301	292	7	2	WESTBOUND	4	305
CUTTYHUNK HARBOR, MASS. TOTAL, 8 AND LESS - - - - -	212			INBOUND		212	211			OUTBOUND		211
DAHARISCOTTA RIVER, MAINE				NO VESSEL TRIPS REPORTED								
DEER ISLAND THOROUGHFARE, MAINE TOTAL, 6 AND LESS - - - - -	313			FASTBOUND		313	313			WESTBOUND		313
DORCHESTER BAY, MASS.				NO VESSEL TRIPS REPORTED								
DUCK ISLAND HARBOR, CONN.				NO VESSEL TRIPS REPORTED								
DUXBURY HARBOR, MASS.				NO VESSEL TRIPS REPORTED								
EASTPORT HARBOR, MAINE TOTAL, 15 AND LESS - - - - -	4,955			INBOUND		4,955	4,919			OUTBOUND		4,919
EDGARTOWN HARBOR, MASS. TOTAL, 6 AND LESS - - - - -	15,252			INBOUND		15,252	15,252			OUTBOUND		15,252
ESSEX RIVER, MASS.				NO VESSEL TRIPS REPORTED								
FALMOUTH HARBOR, MASS. TOTAL, 6 AND LESS - - - - -	2,529			INBOUND		2,529	2,529			OUTBOUND		2,529
FIVEMILE RIVER HARBOR, CONN. TOTAL, 3 AND LESS - - - - -	14			INBOUND		14	14			OUTBOUND		14
FORT POINT CHANNEL, MASS. TOTAL, 12 AND LESS - - - - -			4	INBOUND		4			4	OUTBOUND		4
GLOUCESTER HARBOR, MASS. TOTAL, 19 AND LESS - - - - -	6,673	290		INBOUND		7,163	6,864	290		OUTBOUND		7,154
GREAT SALT POND, BLOCK ISLAND, R. I. TOTAL, 12 AND LESS - - - - -	209	33		INBOUND		242	209	24		OUTBOUND		237
GREEN HARBOR, MASS. TOTAL, 4 AND LESS - - - - -	423			INBOUND		423	423			OUTBOUND		423
GREENWICH BAY, R. I.				NO VESSEL TRIPS REPORTED								
GREENWICH HARBOR, CONN. TOTAL, 11 AND LESS - - - - -	1,948		2	INBOUND		1,950	1,948		2	OUTBOUND		1,950
GUILFORD HARBOR, CONN.				NO VESSEL TRIPS REPORTED								
HAMPTON HARBOR, N. H. TOTAL, 8 AND LESS - - - - -	582		2	INBOUND	1	585	582		2	OUTBOUND	2	586
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS. TOTAL, 11 AND LESS - - - - -	132			INBOUND		132	132			OUTBOUND		132
HARBOR OF REFUGE, BLOCK ISLAND, R. I. TOTAL, 14 AND LESS - - - - -	2,234			INBOUND		2,234	2,234		2	OUTBOUND		2,236
HARBOR OF REFUGE, NANTUCKET, MASS. TOTAL, 14 AND LESS - - - - -	1,010	13	8	INBOUND	21	1,052	1,010	12	7	OUTBOUND	21	1,050
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I. TOTAL, 9 AND LESS - - - - -	5,566		2	INBOUND	1	5,569	5,566		2	OUTBOUND	1	5,569
HARRASKEET RIVER, MAINE TOTAL, 5 AND LESS - - - - -	600			UPBOUND		600	600			DOWNBOUND		600

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
MAY (WEST) HARBOR, N. Y. TOTAL, 9 AND LESS - - - - -	1,347	12		INBOUND 122		1,441	1,347	11		OUTBOUND 122		1,480
HENDRICKS HARBOR, MAINE		NO VESSEL TRIPS	REPORTED									
HINGHAM HARBOR, MASS.		NO VESSEL TRIPS	REPORTED									
HYANNIS HARBOR, MASS. TOTAL, 11 AND LESS - - - - -	5,534		2	INBOUND 13		5,553	5,534		2	OUTBOUND 13		5,553
IPSWICH RIVER, MASS.		NO VESSEL TRIPS	REPORTED									
ISLE AU HAUT THROUGHFARE, MAINE TOTAL, 6 AND LESS - - - - -	626			NORTHBOUND		626	626			SOUTHBOUND		626
ISLE OF SHOALS HARBOR, ME. AND N. H.		NO VESSEL TRIPS	REPORTED									
JOSIAS RIVER, MAINE TOTAL, 5 AND LESS - - - - -	4,000			UPBOUND		4,000	4,000			DOWNBOUND		4,000
KENNEBET RIVER, MAINE TOTAL, 24 AND LESS - - - - -	105	1	13	UPBOUND 1		120	104	1	8	DOWNBOUND		113
KENNEBUNK RIVER, MAINE TOTAL, 5 AND LESS - - - - -	4,200			UPBOUND		4,200	4,200			DOWNBOUND		4,200
LAGOON POND, MARTHA S VINEYARD, MASS. TOTAL, 2 AND LESS - - - - -				INBOUND 2		2				OUTBOUND 2		2
LUBEC CHANNEL, MAINE TOTAL, 8 AND LESS - - - - -	3,439			NORTHBOUND		3,439	3,435			SOUTHBOUND		3,435
LYNN HARBOR, MASS. TOTAL, 6 AND LESS - - - - -			1	INBOUND 1		2			1	OUTBOUND 1		2
MACHIAS RIVER, MAINE		NO VESSEL TRIPS	REPORTED									
MALEDEN RIVER, MASS.		NO VESSEL TRIPS	REPORTED									
MANCHESTER HARBOR, MASS.		NO VESSEL TRIPS	REPORTED									
MARBLEHEAD HARBOR, MASS.		NO VESSEL TRIPS	REPORTED									
MATINICUS HARBOR, MAINE TOTAL, 8 AND LESS - - - - -	98			INBOUND		98	98			OUTBOUND		98
MATTAPoisETT HARBOR, MASS.		NO VESSEL TRIPS	REPORTED									
MENEMSHA CREEK, MARTHA S VINEYARD, MASS.		NO VESSEL TRIPS	REPORTED									
MIANUS RIVER AND COS COR HARBOR, CONN.		NO VESSEL TRIPS	REPORTED									
MILFORD HARBOR, CONN.		NO VESSEL TRIPS	REPORTED									
MOOSABEC RAR, MAINE TOTAL, 5 AND LESS - - - - -	9,000			EASTBOUND		9,000	9,000			WESTBOUND		9,000
MYSTIC RIVER, CONN. TOTAL, 7 AND LESS - - - - -	160		2	UPBOUND		162	160			DOWNBOUND		160
NARRAGUAGUS RIVER, MAINE TOTAL, 8 AND LESS - - - - -	131			UPBOUND		131	95			DOWNBOUND		95
NEPONSET RIVER, MASS.		NO VESSEL TRIPS	REPORTED									

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS. TOTAL, 27 AND LESS - - - - -	1,681	308	42	INBOUND 6	916	2,953	1,656	309	38	OUTBOUND 4	912	2,919
NEW HARBOR, MAINE		NO VESSEL TRIPS REPORTED										
NEWBURYPORT HARBOR, MASS. TOTAL, 5 AND LESS - - - - -	220			INBOUND		220	220			OUTBOUND		220
NEWPORT HARBOR, R. I. TOTAL, 20 AND LESS - - - - -	1,413	1	79	INBOUND 1		1,494	1,409	1	69	OUTBOUND 1		1,480
NANTIC BAY AND HARBOR, CONN. TOTAL, 6 AND LESS - - - - -	413			INBOUND		413	413			OUTBOUND		413
NORTHEAST HARBOR, MAINE		NO VESSEL TRIPS REPORTED										
OWLS HEAD HARBOR, MAINE TOTAL, 8 AND LESS - - - - -	1			INBOUND		1	1			OUTBOUND		1
PATCHOGUE RIVER, CONN.		NO VESSEL TRIPS REPORTED										
PANCATUCK RIVER, R. I. AND CONN.		NO VESSEL TRIPS REPORTED										
PIS ISLAND CUT, MAINE TOTAL, 5 AND LESS - - - - -	9,000			UPBOUND		9,000	9,000			DOWNBOUND		9,000
PLEASANT BAY, MASS.		NO VESSEL TRIPS REPORTED										
PLEASANT RIVER, MAINE		NO VESSEL TRIPS REPORTED										
PLYMOUTH HARBOR, MASS. TOTAL, 15 AND LESS - - - - -	2,812	1	23	INBOUND 1	1	2,838	2,812		22	OUTBOUND		2,834
PROVINCETOWN HARBOR, MASS. TOTAL, 13 AND LESS - - - - -	1,785			INBOUND		1,785	1,785		2	OUTBOUND		1,787
RED BROOK HARBOR, BOURNE, MASS.		NO VESSEL TRIPS REPORTED										
ROCKLAND HARBOR, MAINE TOTAL, 18 AND LESS - - - - -	18,631	3	1	INBOUND		18,635	18,620	2		OUTBOUND		18,622
ROCKPORT HARBOR, MAINE		NO VESSEL TRIPS REPORTED										
ROCKPORT HARBOR, MASS. TOTAL, 11 AND LESS - - - - -	132			INBOUND		132	132			OUTBOUND		132
ROYAL RIVER, MAINE TOTAL, 12 AND LESS - - - - -			1	UPBOUND		1			1	DOWNBOUND		1
RYE HARBOR, NEW HAMPSHIRE TOTAL, 5 AND LESS - - - - -	1,230			INBOUND		1,230	1,230			OUTBOUND		1,230
SACO RIVER, MAINE TOTAL, 6 AND LESS - - - - -	4,000			UPBOUND		4,000	4,000			DOWNBOUND		4,000
SAKONNET RIVER AND HARBOR, R. I.		NO VESSEL TRIPS REPORTED										
SCARBORO RIVER, MAINE		NO VESSEL TRIPS REPORTED										
SCITUATE HARBOR, MASS.		NO VESSEL TRIPS REPORTED										
SEENONK RIVER, R. I.		NO VESSEL TRIPS REPORTED										
SOUTH BRISTOL HARBOR, MAINE		NO VESSEL TRIPS REPORTED										
SOUTHWEST HARBOR, MAINE TOTAL, 10 AND LESS - - - - -	5,035			INBOUND		5,035	5,035			OUTBOUND		5,035

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
ST. CROIX RIVER, MAINE		NO VESSEL TRIPS		REPORTED								
STOCKTON HARBOR, MAINE		NO VESSEL TRIPS		REPORTED								
STONINGTON HARBOR, CONN.		NO VESSEL TRIPS		REPORTED								
STONINGTON HARBOR, MAINE TOTAL, 6 AND LESS	626			INBOUND		626	626			OUTBOUND		626
STONY CREEK, CONN.		NO VESSEL TRIPS		REPORTED								
TAUNTON RIVER, MASS.		NO VESSEL TRIPS		REPORTED								
TENANTS HARBOR, MAINE TOTAL, 6 AND LESS	138			INBOUND		138	138			OUTBOUND		138
THOMASTON HARBOR (GEORGES RIVER), MAINE		NO VESSEL TRIPS		REPORTED								
VINEYARD HAVEN HARBOR, MASS. TOTAL, 12 AND LESS	3,749	9	9	INBOUND 1 12		3,783	3,749	9	10	OUTBOUND 1 12		3,781
WAREHAM HARBOR, MASS. TOTAL, 3 AND LESS			1	INBOUND 2		3			1	OUTBOUND 2		3
WARREN RIVER, R. I. TOTAL, 6 AND LESS	12			UPBOUND		12	8			DOWNBOUND		8
WARWICK COVE, WARWICK, R. I.		NO VESSEL TRIPS		REPORTED								
WELLFLEET HARBOR, MASS.		NO VESSEL TRIPS		REPORTED								
WESTPORT HARBOR AND SAUGATUCK RIVER, CONN.		NO VESSEL TRIPS		REPORTED								
WESTPORT RIVER, MASS. TOTAL, 5 AND LESS	10,000		2	UPBOUND 3		10,005	10,000		2	DOWNBOUND 3		10,005
WYMOUTH BACK RIVER, MASS.		NO VESSEL TRIPS		REPORTED								
WICKFORD HARBOR, R. I.		NO VESSEL TRIPS		REPORTED								
WINTHROP HARBOR, MASS.		NO VESSEL TRIPS		REPORTED								
WOOD ISLAND HARBOR, MAINE AND THE POOL AT BIDDEFORD		NO VESSEL TRIPS		REPORTED								
WOODS HOLE CHANNEL, MASS. TOTAL, 18 AND LESS	4,241			EASTBOUND		4,241	4,246	3	4	WESTBOUND		4,253
YORK HARBOR, MAINE TOTAL, 5 AND LESS	1,200			INBOUND		1,200	1,200			OUTBOUND		1,200
CHARLES RIVER, MASS. TOTAL, 12 AND LESS		20	14	INBOUND		34		20	10	OUTBOUND		30

NEW YORK, NY, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
PORT CHESTER HARBOR, N. Y.												
				INBOUND						OUTBOUND		
12 - - - - -		31				31		30				30
11 - - - - -		2	5			7		4	5			9
10 - - - - -			10	133	6	149			8	3	5	16
9 - - - - -			92	72	3	167		1	112		3	116
8 - - - - -		19	20			39		25	27			47
7 - - - - -		12	34			46		9	40			49
6 AND LESS - - - - -					6	6		1		154	12	171
TOTAL - - - - -		64	161	205	15	445		70	187	161	20	438
EAST CHESTER CREEK, N. Y.												
				INBOUND						OUTBOUND		
10 - - - - -	9	269	120	146	164	708	8	259	125	2	161	555
9 - - - - -		39	315	77	22	453		18	315			333
8 - - - - -		133	125		16	274		165	123	33	9	330
7 - - - - -		30	123		2	155		47	121		1	169
6 AND LESS - - - - -	9	68			184	261	8	51		187	218	466
TOTAL - - - - -	18	539	683	223	388	1,851	16	540	684	222	389	1,851
BRONX RIVER, N. Y.												
				INBOUND						OUTBOUND		
12 - - - - -			8			8			8			8
11 - - - - -			30			30			30			30
10 - - - - -			26	115		141			24	10		34
9 - - - - -			29	40		69			25	14		39
8 - - - - -			32	5		37			24	5		33
7 - - - - -	425		36		1	462	425		34	2		461
6 AND LESS - - - - -	3,965			90		4,055	3,965			205		4,170
TOTAL - - - - -	4,390		161	252		4,803	4,390		151	236		4,777
WESTCHESTER CREEK, N. Y.												
				INBOUND						OUTBOUND		
15 - - - - -			1		7	8					8	8
14 - - - - -		1			3	4		2			3	5
13 - - - - -		8	1		4	13		8	1		6	15
12 - - - - -		1	62		2	65			60		3	63
11 - - - - -		1	54		29	84		2	54		31	87
10 - - - - -			175		44	219			181		45	226
9 - - - - -		3	175		10	188		7	139		11	157
8 - - - - -			80			80			72			72
7 - - - - -		3	21		2	26		7	21		1	29
6 AND LESS - - - - -		2			91	93		3		112		115
TOTAL - - - - -		19	569		192	780		29	524	220		777
FLUSHING BAY AND CREEK, N. Y.												
				INBOUND						OUTBOUND		
15 - - - - -		2	1	6	4	13		2	1		3	6
14 - - - - -		4			10	14		3			10	13
13 - - - - -		4	7		23	34			11		24	35
12 - - - - -		6	425		8	439		5	451		5	461
11 - - - - -		17	63		24	104		14	79		22	115
10 - - - - -		6	189	754	8	917		3	151	424	9	587
9 - - - - -		9	70	73	8	160		11	80		9	99
8 - - - - -			87	5	5	97		21	1	54	14	96
7 - - - - -		14	109	16	5	139		5	137		15	150
6 AND LESS - - - - -		4		432	62	498		2		784	53	843
TOTAL - - - - -		66	911	1,286	152	2,415		66	911	1,285	151	2,413
HARLEM RIVER, N. Y.												
				INBOUND						OUTBOUND		
14 - - - - -		1			20	21					2	12
13 - - - - -		13	10		60	83			10		89	610
12 AND LESS - - - - -		12	266	227	20	525		26	294	201		622
TOTAL - - - - -		26	276	227	100	629		26	304	201	91	622
HUDSON RIVER, N. Y. (LOWER SECTION)												
				INBOUND						OUTBOUND		
33 - - - - -	1					1						1
32 - - - - -	1					1						1
31 - - - - -	4					4						4
30 - - - - -	3					3						3
29 - - - - -	4					4						4
28 - - - - -	1					1		1				1
27 - - - - -	3					3		1				1
26 - - - - -	2					2		1				1
25 - - - - -	1					1						1
24 - - - - -	3			1	1	3					1	3
23 - - - - -	2			2		2						2
22 - - - - -	3			4		7		1				1
21 - - - - -	4					4		3				3
20 - - - - -								4				4
19 - - - - -	3					3		1				1
18 AND LESS - - - - -	3	15	682	5	124	1,033	14	17	891	7	125	1,054
TOTAL - - - - -	33	15	682	12	129	1,071	30	17	891	7	126	1,071
HUDSON RIVER CHANNEL, N. Y. AND N. J.												
				INBOUND						OUTBOUND		
40 - - - - -								1				1
39 - - - - -	2					2		3				3

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
MUDSOA RIVER CHANNEL, N. Y. AND N. J. --(CONTINUED)													
				INBOUND						OUTBOUND			
38													1
36						4			1				3
35						4			3				3
34						3			5				5
33						14			20				20
32						61			56				56
31						22			26				26
30						7			9				9
29						73			79				79
28						89			89				89
27						88			106			1	107
26						36			30		2		32
25						42			33				33
24						13			26		1		27
23						11			4		1		5
22						11			13				16
21						4			9				9
20						12			15			1	16
19						6			9				12
18 AND LESS	6,375	71	7,030	1,845	336	15,657	6,358	80	6,796	1,769	377	15,300	
TOTAL	6,874	76	7,034	1,845	336	16,169	6,852	85	6,798	1,769	379	15,803	
EAST RIVER, N. Y.													
				INBOUND						OUTBOUND			
41						1							1
40						5							5
39						5			1				1
38						7			1				1
37						5							5
36						1							1
35						9			4				4
34						5			3				3
33						4							4
32						1			3			1	3
31						7			9				9
30						4			3				4
29						5			3				5
28						13			13				13
27						27			26				27
26						31			26				31
25						49			44				49
24						85			59				85
23						64			38				64
22						65			42				65
21						33			41				33
20						24			47				24
19						19			26				19
18 AND LESS	8,570	1,072	6,990	2,781	987	20,400	8,550	1,060	6,964	2,710	928	20,212	
TOTAL	8,964	1,123	7,007	2,788	1,085	20,967	8,947	1,126	6,980	2,711	1,014	20,779	
MONTGOMERY CREEK, N. Y.													
				INBOUND						OUTBOUND			
17						3							3
16						1			1				1
15						23			2				23
14						16			14				16
13						31			32				31
12 AND LESS	4	31	52	3	253	1,247	2	26	56	3	308	2,803	
TOTAL	7	322	1,340	985	375	3,029	5	312	1,359	984	372	3,032	
BUTTERMILK CHANNEL, N. Y.													
				INBOUND						OUTBOUND			
39						1			7				7
38						8			5				8
37						10			3				10
36						1							1
35						5			4				5
34						6			2				6
33						5			6				5
32						6			7				6
31						4			6				4
30						9			11				9
29						24			18				24
28						19			26				19
27						23			22				23
26						26			33				26
25						33			20				33
24						33			24				33
23						20			26				20
22						19			17				19
21						24			1				24
20						19			1				19
19						240			239				240
18 AND LESS	219	3,137	473	174	4,243	531	210	3,426	465	222	4,541		
TOTAL	523	219	3,143	473	177	4,535	531	210	3,426	466	225	4,850	
RAY RIDGE AND RED HOOK CHANNELS, N. Y.													
				INBOUND						OUTBOUND			
34						1							1
33													

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
BAY RIDGE AND RED HOOK CHANNELS, N. Y. --(CONTINUED)												
34 -	1			INBOUND						OUTBOUND		
33 -	1					1						
32 -	2					2						
31 -	11					11	10					10
30 -	11					11	12	1				13
29 -	21					21	10					10
28 -	10					10	21				1	22
27 -	14					14	24					24
26 -	25					25	27					22
25 -	22					22	16					16
24 -	17					17	22				1	23
23 -	18					18	11					11
22 -	15			2		17	12	1				13
21 -	13					13	19					19
20 -	9		48			57	14		30			44
19 -	12					12	8					8
18 AND LESS -	94	215	5,401	664	417	6,795	119	204	5,247	673	352	6,599
TOTAL -	305	215	5,449	666	417	7,052	322	210	5,277	673	355	6,837
GOMANUS CREEK CHANNEL, N. Y.												
31 -	5	1		INBOUND			6	6	1	OUTBOUND		
30 -	9					9	7					7
29 -	11					11	5	1			1	7
28 -	12	1			1	14	11					11
27 -	11	1				12	17				1	18
26 -	14	1			1	16	11	2				13
25 -	12					12	13					13
24 -	5					5	8				3	11
23 -	4				6	10	2					2
22 -	1				1	2	3				1	4
21 -	2				3	5	4				1	5
20 -	1				2	3	1				2	3
19 -					2	2	4					4
18 AND LESS -	66	402	3,357	500	351	4,676	61	347	3,254	411	297	4,425
TOTAL -	153	406	3,357	500	371	4,747	151	401	3,254	411	314	4,538
CONEY ISLAND CHANNEL, N. Y.												
17 -		3		EASTBOUND			3			WESTBOUND		
16 -		12	1			13		1	1			2
15 -		43	12		5	60			10			10
14 -		45	1		27	73		1	1		1	3
13 -		56	80		42	218		1	71		2	74
12 -		96	74		94	266		2	64		2	68
11 -		37	49		91	177		20	44		3	54
10 -		13	172	216	41	442		20	184	9		215
9 -		3	140	24	14	161		21	128		4	153
8 -		1	14	20	73	108		45	12		2	99
7 -		1	103	1	4	109		62	44		1	161
6 -					3	3					1	1
5 -								58				58
4 -					1	1		45			54	103
3 -					4	4		27			271	298
2 -				2		2				201	75	276
TOTAL -		312	646	263	434	1,660		325	620	210	427	1,582
EAST ROCKAWAY INLET, N. Y.												
15 -		6	1	UPBOUND			7		1	DOWNBOUND		
14 -		201			1	202		5				5
13 -	11	294			4	313			2			2
12 -		79	8		23	110		204	10			215
11 -		14	14		7	35		4	6			14
10 -		6	6		5	17		151	4			155
9 -		175	22			197		244	24			272
8 -	775		2			777		220	2			222
7 -								19				19
6 AND LESS -	1,770	150				1,920	2,556	74			40	2,672
TOTAL -	2,556	924	53		40	3,578	2,556	924	53		40	3,577
JAMAICA BAY, N. Y.												
18 -		2		INBOUND			2			OUTBOUND		
17 -		14				14		71			2	2
16 -		5				5		71			1	72
15 -		22	11		3	36		21	11		3	35
14 -		21			10	31		26	2		17	45
13 -		26	74		43	143		54	78		42	174
12 AND LESS -	9,060	437	542	261	367	10,647	9,060	397	553	212	342	10,524
TOTAL -	9,060	527	627	261	423	10,808	9,060	554	646	212	454	10,930
RARITAN RIVER, N. J.												
27 -		3		INBOUND			1			OUTBOUND		
26 -					5	5			1		13	14
25 -					7	7					9	9
24 -					10	10					11	11
23 -					4	4					4	4

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
RARITAN RIVER, N. J.--(CONTINUED)												
22				INBOUND						OUTBOUND		
21					4	4					4	4
20					15	15					13	13
19					10	13			1		17	18
18					4	8					12	12
17					76	76					275	275
16					19	24			4		58	62
15					12	12			2		47	50
14					9	47			39		10	50
13					19	61			55		54	110
12 AND LESS					293	309			1		283	344
TOTAL		10	907	145	558	1,620			944	125	240	1,315
TOTAL	13	1,287		146	773	2,219	9	1,324		127	627	2,291
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.												
47				INBOUND						OUTBOUND		
45									1			1
44												
43												
42									1			1
41												
40												
39												
38												
37												
36												
35												
34												
33												
32												
31												
30												
29												
28												
27												
26												
25												
24												
23												
22												
21												
20												
19												
18 AND LESS												
TOTAL	16,134	1,013	15,126	1,495	2,009	35,777	16,098	722	15,021	1,590	1,754	35,105
NEWARK BAY, N. J.												
39				INBOUND						OUTBOUND		
38									1			23
37												22
36									2			24
35												46
34												57
33												86
32												111
31												116
30												114
29												150
28												212
27												281
26												266
25												214
24												131
23												82
22												83
21												71
20												85
19												44
18 AND LESS												9,833
TOTAL	2,446	686	7,564	106	1,274	9,884	285	531	7,520	97	1,400	12,177
HACKENSACK RIVER, N. J.												
23				INBOUND						OUTBOUND		
22												
21												
19												
18 AND LESS												
TOTAL	7	257	831	764	348	2,207	3	252	806	763	354	2,178
TOTAL	7	257	831	764	351	2,210	3	252	806	763	354	2,182
PASSAIC RIVER, N. J.												
37				INBOUND						OUTBOUND		
31									1			1
30									3			3
29									3			3
28									4			4
27									6			6
TOTAL									1			1

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION			DIRECTION		
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	TUGBOAT OR TUGBOAT
PASSAIC RIVER, N. J.--(CONTINUED)				INBOUND		OUTBOUND
26	1	5		1	7	4
25		1		1	2	7
24		4		4	8	4
23		4		4	4	1
22		4		47	51	4
21		3		9	12	10
20		7		11	18	17
19		1		2	16	14
18		4		15	13	67
17		3	3	3	6	104
16		7	2	10	28	95
15		15	105	1	13	64
14		45	108	2	64	194
13		39	564	1	72	244
12 AND LESS	2	847	2,359	74	1,458	990
TOTAL	3	1,016	3,141	98	1,736	6,063
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.				UPROUND		DOWNROUND
47		8		8	9	9
46		3		3	4	4
45		11		11	19	19
44	2			2	13	15
43					9	9
42		2		2	4	6
41	2	8		10	8	10
40	3	19		22	26	28
39		9		9	39	40
38	1	16		17	61	64
37	1	40	5	46	123	162
36	6	21		27	93	104
35	7	13		20	87	96
34	11	14		25	116	132
33	16	16		34	52	70
32	32	22		63	72	113
31	41	13		57	59	104
30	76	14		91	49	137
29	26	25		57	40	85
28	8	88		109	39	67
27	7	45		61	42	58
26	9	98		132	64	113
25	3	62		100	63	146
24	2	80		141	61	136
23	1	46	1	95	50	145
22	1	53	6	58	57	122
21	1	26		86	30	96
20	1	41	43	134	76	207
19	2	12	32	104	12	123
18 AND LESS	856	4,730	32,346	5,713	4,159	54,370
TOTAL	1,115	5,535	32,433	5,715	10,984	56,789
ARLINGTON RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J.				UPROUND		DOWNROUND
22				27	27	39
21				7	7	18
20			3	11	14	17
19				7	7	13
18				20	20	10
17		4		34	38	20
16		1		34	35	15
15		35		11	47	46
14	1	55		13	69	62
13	1	253		19	273	18
12	2	232		37	274	224
11	1	153		11	165	144
10	1	225		4	235	316
9	1	87		1	89	141
8	1	36		2	42	134
7		20		20	20	20
6				2	2	2
5				11	11	16
4	1			17	61	34
3				136	136	110
2				93	94	8
1			4	4	4	4
TOTAL	9	1,109	120	432	1,670	1,670
NEW YORK HARBOR, N. Y. LOWER ENTRANCE CHANNELS				INBOUND		OUTBOUND
47		9		9	9	9
46		4		4	3	3
45	1	33		34	11	12
44	3	21		24	1	3
43		16		16	1	1
42		24		24	3	4
41	5	50		55	14	20
40	7	84		91	27	36

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
NEW YORK HARBOR, N. Y., LOWER ENTRANCE CHANNELS--(CONTINUED)										
				INBOUND					OUTBOUND	
39	18	100				20	11			31
38	26	123			1	29	26			55
37	31	184	15			27	52	11		90
36	64	146			1	61	31			93
35	71	148			3	77	36			113
34	100	141			3	105	17			122
33	142	76		1	4	153	20			177
32	208	91			10	220	38			258
31	203	72			1	225	55			283
30	265	67			3	270	51			322
29	323	48		1	7	344	50			400
28	456	53			3	423	139			563
27	457	39			4	499	70		15	595
26	329	48	3		21	361	167		12	543
25	333	35			10	349	121	1	5	482
24	305	41		1	36	258	136			399
23	303	22		6	15	217	124	3	2	366
22	251	25	1	8	65	234	107		1	369
21	158	15			24	175	64		1	245
20	132	19	4		18	193	136	8	1	342
19	106	4	1	1	38	109	28		19	156
18	584	1,917	2,198	87	988	5774	2,019	2,153	61	1,152
TOTAL	4,881	3,655	2,226	105	1,255	4,956	3,579	2,184	98	1,247
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y., FOREIGN AND COASTWISE										
				UPBOUND					DOWNBOUND	
43		1					1			1
42		2								2
41		2					2			1
40						1				3
39	2	1				3				3
38		3				3	2			3
37	2	3				5	2			3
36	4	1				5				3
35	6	2				8	1			4
34	5	3				8				5
33	19					19	22			22
32	83	6				89	7			72
31	33	13				46	17			51
30	17	5				22	5			20
29	83	6			1	40				81
28	116	5				121	2		1	93
27	103				1	104	3		28	148
26	48	4				53	15		13	73
25	73	4			3	81	15		5	67
24	30	6		1	6	37	7			44
23	30	1		2	2	35	11			51
22	28	4	10	3	13	58	5	6	1	72
21	15	6			7	28				24
20	13	7			4	24	3			32
19	11	2			4	17	1	2	1	24
18 AND LESS	139	16	547	795	55	141	12	388	464	85
TOTAL	460	104	557	801	97	432	111	396	913	94
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y., INTERNAL										
				UPBOUND					DOWNBOUND	
32		2				2			1	1
31		2				2				
30		3				3				
29					4	4				
28		1			8	9			1	1
27		1			14	15			1	3
26		2			8	10				1
25		1			12	13	1			1
24					37	37	1			1
23					18	18	2			2
22				1	9	10	1	5		6
21					12	12				
20			7		21	28		5		6
19		3	4		21	28		2	1	4
18 AND LESS	8,074	448	10,184	3,669	1,884	4,493	462	9,701	4,427	1,976
TOTAL	8,074	463	10,199	3,670	2,048	4,493	467	9,713	4,433	1,979
HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.										
				UPBOUND					DOWNBOUND	
33	11	18				29	3	8		11
32	22	8				30	9	7		16
31	11	15				26	8	17		25
30	10	8				18	11	5		16
29	10	6			5	21	2			2
28	27	6			8	41	5	2	2	9
27	15	1			15	31	8	3	31	42
26	12	5			9	26	15	13	14	42
25	31	6			15	52	14	16	5	35

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y., (CONTINUED)												
24 -	17	6		UPBOUND	43	67	11	7		DOWNBOUND		18
23 -	19	1		2	20	42	36	12				48
22 -	17	4	10	4	22	57	34	6	10	1	6	51
21 -	9	6			19	34	13					15
20 -	1	4	5		24	34	14	5	5			23
19 -	5	5	2		25	37	10	2		2	2	16
18 -	3	25			93	121	15	4		47	8	74
17 -	2	21	6		50	79	5	4	4	14	1	24
16 -	4	57	7	1	53	122	6	1	6	3	1	17
15 -	1	41	89	2	114	247	3	3	63	5	13	87
14 -	3	53	161	25	200	442	2	6	144	3	4	159
13 -	10	76	481	25	322	914	1	1	469	7	3	481
12 AND LESS -	1,151	115	3,509	2,712	756	8,243	1,059	365	2,846	3,601	1,599	9,490
TOTAL -	1,391	487	4,270	2,772	1,793	10,713	1,284	499	3,553	3,735	1,640	10,715
TARRYTOWN HARBOR, N. Y.												
13 -		4	2	INBOUND	6	6				OUTBOUND		
12 -		2	5		132	147			5			5
11 -		3	2		5	10						
10 -			16	198	1	215		5	16	15		36
9 -			44		1	45			50			50
8 -			30		1	31		1	24			29
7 -			40			40		1	42			43
6 AND LESS -					1	1		2		224	17	243
TOTAL -		9	139	330	17	495		9	141	239	17	496
RONDOUT HARBOR, N. Y.												
15 -		2	2	INBOUND	2	6				OUTBOUND		
14 -		2			12	14						
13 -		10			5	15						
12 -			2		5	7			4			4
11 -			8		3	11			4			4
10 -			9		1	10		1	9	326		336
9 -			30			30			38			38
8 -			12			12		12	6			18
6 AND LESS -				329	1	330		1		9	29	39
TOTAL -		14	63	329	29	435		14	65	335	29	443
PORT OF ALBANY, N. Y.												
33 -	9	7		INBOUND	16	16	3	6		OUTBOUND		9
32 -	17	6			23	23	4	2				10
31 -	5	12			17	17	6	3				11
30 -	6	4			10	10	11	2				13
29 -	1	5			1	7	2					2
28 -	7	5			2	14	4	1				5
27 -	7	1			7	15	7					8
26 -	9	4			3	16	12	10				22
25 -	26	4			7	39	11	13				24
24 -	16	1			10	47	7	1				8
23 -	14				12	30	18	4				26
22 -	13	2	10		20	45	25	5	10			44
21 -	5				13	18						18
20 -	1	1			15	17	7	1				9
19 -	2	2			11	15	4					7
18 -	3	16			15	34	10	2				18
17 -	1	15			26	44	3					4
16 -	1	25			37	63	2	2				5
15 -		12	41		77	130	1	3	34	13		53
14 -	1	9	29	1	85	125	1	4	20	3		30
13 -	1	13	158		93	265		1	147	5		153
12 AND LESS -	2	50	1,081		240	1,373	3	132	1,074	645		1,854
TOTAL -	153	194	1,319	1	646	2,363	154	199	1,287	684		2,325
FEDERAL LOCK, TROY, N. Y.												
14 -				NORTHBOUND	1	1				SOUTHBOUND		
13 -					7	7						
12 -		5	13		44	66			9			10
11 -			32		15	47			28	1		29
10 -		33	181		149	343			215			215
9 -		2	112		4	116		1	102			103
8 -					1	1						
7 -										3		3
6 -	1,700							5				5
5 -												
4 -								34		59		93
3 -										159		159
TOTAL -	1,700	40	338		225	2,303	1,400	40	354		222	2,416
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.												
13 -				UPBOUND	6	6				DOWNBOUND		
12 -		1	12		13	13			8			8
11 -			16		12	28			16			16

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.--(CONTINUED)										
10 - - - - -		33	110	UPBOUND	134	277			131	131
9 - - - - -		1	106		3	110		1	96	97
8 - - - - -					1	1	7	33		3
6 AND LESS - - - - -	1					1				150
TOTAL - - - - -	1	35	244		156	436	7	34	251	445
HEMPSTEAD HARBOR, N. Y.										
15 - - - - -		19	9	INBOUND	13	41			5	9
14 - - - - -		5	1		14	24			5	5
13 - - - - -		31	27		32	90			23	23
12 - - - - -		8	66		23	97			42	780
11 - - - - -		5	14	4	34	57			12	60
10 - - - - -			55	477	6	538			45	696
9 - - - - -			452	74	4	534	21	500	2	525
8 - - - - -			168	9		177	4	165		170
7 - - - - -			161	1		162		179		179
6 AND LESS - - - - -				1,441	1	1,442	43		534	124
TOTAL - - - - -		68	953	2,006	135	3,162	68	974	1,980	3,157
PORT JEFFERSON HARBOR, N. Y.										
33 - - - - -		7		INBOUND	1	8				1
31 - - - - -						1	1			
30 - - - - -		1				2				
29 - - - - -		2				5				
28 - - - - -		4			1	5				
27 - - - - -		2			3	5				
26 - - - - -		1			1	2	1			1
25 - - - - -		3			5	8				
24 - - - - -		3			20	23	2			2
23 - - - - -		1			4	9	1			2
22 - - - - -			7		14	23	2	7	1	14
21 - - - - -		2			14	16	2		1	3
20 - - - - -			4		14	24	6	2	1	9
19 - - - - -		1			3	4	3			3
18 - - - - -		2			22	24	5		3	8
17 - - - - -		4			25	31	1	1	3	5
16 - - - - -		10	12		21	43		8	2	13
15 - - - - -		4	24		34	71	2	34	2	38
14 - - - - -		7	25		54	93		26	4	30
13 - - - - -		4	40		54	139		80	81	81
12 AND LESS - - - - -	2,955	7	521	217	404	4,108	2,956	48	523	4,394
TOTAL - - - - -	2,956	73	642	217	711	4,639	2,956	74	681	4,606
ARDONS CREEK, N. Y.										
TOTAL, 6 AND LESS - - - - -	10,216			UPBOUND		10,216	10,217			10,217
BURLINGTON HARBOR, VT.										
TOTAL, 12 AND LESS - - - - -	418	19	60	INBOUND	41	938	418	18	70	947
CHEESBROUKE CREEK, N. J.				NO VESSEL TRIPS REPORTED						
CONEY ISLAND CREEK, N. Y.										
TOTAL, 13 AND LESS - - - - -			20	INBOUND	16	36		16		31
ECHO BAY HARBOR, N. Y.										
TOTAL, 10 AND LESS - - - - -			1	INBOUND	1	2		1		2
ELIZABETH RIVER, N. J.										
TOTAL, 11 AND LESS - - - - -			2	INBOUND		2		2		2
FIRE ISLAND INLET, N. Y.										
TOTAL, 8 AND LESS - - - - -	9,350			UPBOUND		9,350	9,350			9,350
GLEN COVE CREEK, N. Y.										
TOTAL, 12 AND LESS - - - - -		1	166	UPBOUND	142	319		1	158	309
GLEN COVE HARBOR, N. Y.				NO VESSEL TRIPS REPORTED						
GREAT KILLS HARBOR, STATEN ISLAND, N. Y.										
TOTAL, 5 AND LESS - - - - -	2,590			INBOUND		2,590	2,590			2,590
GREAT SOUTH BAY, N. Y.										
TOTAL, 8 AND LESS - - - - -	54,863			UPBOUND		54,863	54,556			54,556

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HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
GREENPORT HARBOR, N. Y. TOTAL, 10 AND LESS - - - - -	22,341		1	INBOUND	1	22,343	22,340	1	OUTBOUND	1
HUNTINGTON HARBOR, N. Y. TOTAL, 10 AND LESS - - - - -	1,239		2	INBOUND	5	1,246	1,239	2	OUTBOUND	4
JONES INLET, N. Y. TOTAL, 8 AND LESS - - - - -	13,555			UPBOUND		13,555	13,555	1	DOWNBOUND	
KEYPORT HARBOR, N. J. TOTAL, 4 AND LESS - - - - -	630			INBOUND		630	630		OUTBOUND	
LAKE MONTAUK HARBOR, N. Y. TOTAL, 10 AND LESS - - - - -	63,222			INBOUND		63,222	63,222		OUTBOUND	
LARCHMONT HARBOR, N. Y.		NO VESSEL TRIPS REPORTED								
LEMON CREEK, STATEN ISLAND, N. Y.		NO VESSEL TRIPS REPORTED								
LONG ISLAND INTRACOASTAL HWY, N. Y. TOTAL, 8 AND LESS - - - - -	17,687			UPBOUND		17,687	17,687		DOWNBOUND	
MANHARONECK HARBOR, N. Y.		NO VESSEL TRIPS REPORTED								
MANHASSET BAY, N. Y. TOTAL, 12 AND LESS - - - - -			160	INBOUND	73	233		160	OUTBOUND	74
MATTITUCK HARBOR, N. Y. TOTAL, 7 AND LESS - - - - -	2,350			INBOUND		2,350	2,350	2	OUTBOUND	
NEW ROCHELLE HARBOR, N. Y. TOTAL, 5 AND LESS - - - - -	1,435			INBOUND		1,435	1,435		OUTBOUND	
NORTHPORT HARBOR, N. Y. TOTAL, 12 AND LESS - - - - -	66	2	66	INBOUND	6	140	66	2	OUTBOUND	7
OROWOC CREEK, N. Y. TOTAL, 8 AND LESS - - - - -	9,542			UPBOUND		9,542	9,542		DOWNBOUND	
PATCHOGUE RIVER, N. Y. TOTAL, 6 AND LESS - - - - -	1,089			UPBOUND		1,089	1,090		DOWNBOUND	
PECONIC RIVER, N. Y.		NO VESSEL TRIPS REPORTED								
PEEKSKILL HARBOR, N. Y.		NO VESSEL TRIPS REPORTED								
PORT HENRY HARBOR, N. Y. TOTAL, 12 AND LESS - - - - -			6	INBOUND	5	11		10	OUTBOUND	5
RAHWAY RIVER, N. J. TOTAL, 10 AND LESS - - - - -			56	UPBOUND	23	79		56	DOWNBOUND	23
ROUSE POINT, N. Y.		NO VESSEL TRIPS REPORTED								
SAG HARBOR, N. Y. TOTAL, 13 AND LESS - - - - -			1	INBOUND	1	2		1	OUTBOUND	2
SANDY HOOK BAY AT LEONARDO, N. J.		NO VESSEL TRIPS REPORTED								
SANDY HOOK BAY, N. J. TOTAL, 5 AND LESS - - - - -	6,170			INBOUND		6,170	6,170		OUTBOUND	
SAUGERTIES HARBOR, N. Y.		NO VESSEL TRIPS REPORTED								
SHARK RIVER, N. J. TOTAL, 6 AND LESS - - - - -	17,475			UPBOUND		17,475	17,475		DOWNBOUND	
SHEEPSHEAD BAY, N. Y. TOTAL, 13 AND LESS - - - - -	9,596	36	24	INBOUND	3	9,659	9,596	35	OUTBOUND	1

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
SHINNECOCK INLET, N. Y. TOTAL, 8 AND LESS - - - - -	4,338				UPBOUND	4,338	4,338				DOWNBOUND	4,338
SHOAL HARBOR AND COMPTON CREEK, N. J. TOTAL, 12 AND LESS - - - - -		2	1	1	INBOUND	4		2	1		OUTBOUND	4
SHREWSBURY RIVER, N. J. TOTAL, 4 AND LESS - - - - -	7,210				UPBOUND	7,210	7,210				DOWNBOUND	7,210
WALLARUIT CHANNEL, N. Y.		NO VESSEL TRIPS REPORTED										
WYCAKE CREEK, N. J.		NO VESSEL TRIPS REPORTED										
GONAVUS CANAL, N. Y. TOTAL, 15 AND LESS - - - - -		387	261	236	UPBOUND 53	937		385	265		DOWNBOUND 194 52	896
GRAVESEND BAY, N. Y. TOTAL, 45 AND LESS - - - - -	28	18	623	247	UPBOUND 69	985	27	18	615		DOWNBOUND 285 68	973
LONG ISLAND SOUND, N. Y. TOTAL, 20 AND LESS - - - - -	1,435		31		INBOUND 1	1,467	1,435		39		OUTBOUND 1	1,475
OYSTER BAY, N. Y. TOTAL, 16 AND LESS - - - - -	1	42	216	185	UPBOUND 73	477	1	42	216		DOWNBOUND 184 73	476
SANDY HOOK BAY, N. J. TOTAL, 34 AND LESS - - - - -	7,224	31	53		INBOUND 3	7,311	7,226	17	58		OUTBOUND 2	7,383

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DRAFT (FEET)			TOTAL		
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT)												
FOREIGN AND COASTWISE												
49		103		UPBOUND		103	1	1	DOWNBOUND		2	
48		12				12						
47	1	9				10						
46		12				12						
45		13				13						
44	1	14				19	1				1	
43		17				17						
42		24				24						
41	1	17				18	1				1	
40	24	49				113	2	4			6	
39	3	93			1	97	1	3			4	
38	5	96				101	14	9			27	
37	3	104	10		1	122	24	11	9		44	
36	11	95			1	107	40	27			67	
35	12	61				73	74	31			106	
34	36	64				104	27	16			65	
33	26	55				81	25	37			64	
32	33	34				67	30	43			96	
31	51	27			3	81	40	31			76	
30	63	35				94	63	74			19	
29	81	30			5	116	94	61			40	
28	111	32				144	114	123			12	
27	123	27		11	2	163	123	76			12	
26	155	40		2	3	200	151	149	1		15	
25	141	31				192	144	124			26	
24	190	31			4	227	179	161			59	
23	185	29	2	1	14	231	151	50			30	
22	170	26	22	2	30	250	116	32	22		109	
21	120	22		2	4	148	101	22			56	
20	117	15		1	4	144	91	29	5		47	
19	91	12	43		4	154	44	17	42	1	58	
18 AND LESS	238	99	1,231	65	742	2,375	214	111	1,295	62	322	
TOTAL	2,012	1,380	1,315	84	825	5,616	1,912	1,264	1,374	63	456	
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT)												
INTERNAL												
39		1		UPBOUND		1				DOWNBOUND		
37			4			4		1	2		3	
36						16	1	3		1	5	
35						45		1			1	
34	4					17						
33	5					22		1		1	4	
32	1	1				24						
31	2					20						
30	2					23		2		3	5	
29	1	1				30		2		1	5	
28		7				14	5				5	
27		5				35	13	2		4	19	
26		3				14	14	5		7	26	
25		4				19	10	10		10	30	
24	1					24	3	6		10	19	
23		3				34		3		11	14	
22		4				22		4	2	10	16	
21		1				19		2		13	15	
20		1				21		3		9	12	
19		1				54				87	87	
18 AND LESS	13,655	147	12,302	1,518	3,613	31,235	17,565	141	11,655	1,531	3,546	
TOTAL	13,654	192	12,306	1,518	4,051	31,725	17,611	184	11,659	1,531	3,715	
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.												
39	1	11		UPBOUND		12				DOWNBOUND		
38	4	11				15						
37	1	10	2			13	1	2	1		6	
36	2	5				7	2	1			3	
35	4	4				8	1	3			4	
34	6	10				16	3	4			7	
33	6	3				9	4	2			6	
32	14	4				20	5	7		1	13	
31	23	4			3	30	13	4			17	
30	30				1	31	27	2			29	
29	39	5				44	23	5			44	
28	47	4				53	44	1			49	
27	56	4			2	62	54	10			64	
26	61	9			1	71	64	9		1	74	
25	51	5			4	60	60	10		3	73	
24	41	1			2	46	46	22			64	
23	59	4			3	66	51	10			61	
22	43	5			6	54	36	2		2	40	
21	28	4			1	33	29			1	30	
20	31				5	36	26	3		1	30	
19	20		27		9	56	34	1	28	20	86	
18	20				5	25	23	5		4	36	
17	10		3	74	24	116	11			21	32	
16	14	1		76	14	114	11	1	4	10	40	
15	5		316	66	32	419	6		292	12	317	
14	2		134	47	45	224	1		135	34	186	

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HARBOR OR WATERWAY	DIRECTION						DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--(CONTINUED)												
13 - - - - -	1		300		62	363	7		273		31	311
12 AND LESS- - - - -	1	3	797	123	504	1,428	5	2	787	338	597	1,729
TOTAL- - - - -	420	113	1,586	386	730	3,435	618	108	1,526	386	720	3,358
DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA												
49 - - - - -		103				103	1	1				2
48 - - - - -		12				12						
47 - - - - -	1	9				10						
46 - - - - -		12				12						
45 - - - - -		13				13						
44 - - - - -	1	18				19	1					1
43 - - - - -		17				17						
42 - - - - -		24				24						
41 - - - - -	1	17				18	1					1
40 - - - - -	24	89				113	2	4				6
39 - - - - -	3	93			1	97	1	4				5
38 - - - - -	5	96				101	18	9				27
37 - - - - -	3	108	11		1	123	28	11	14			53
36 - - - - -	11	98			4	113	41	27			6	74
35 - - - - -	12	63			8	83	74	31			9	114
34 - - - - -	36	64			23	127	22	39			29	90
33 - - - - -	26	60			8	94	25	40			16	81
32 - - - - -	34	35			13	82	30	43			32	105
31 - - - - -	51	28			9	88	40	32			19	91
30 - - - - -	63	34			12	113	63	77			33	173
29 - - - - -	82	31			22	135	94	63			56	213
28 - - - - -	111	35			4	154	115	127			19	261
27 - - - - -	120	30		11	15	176	135	80			32	247
26 - - - - -	157	46		2	13	218	165	152	1		26	344
25 - - - - -	161	34			11	206	156	137			44	337
24 - - - - -	192	31			22	245	185	165			79	429
23 - - - - -	185	33	2	1	33	254	151	53			64	268
22 - - - - -	170	30	24	2	42	268	116	36	22		129	303
21 - - - - -	120	23		2	18	163	101	24			74	199
20 - - - - -	117	15	7	1	15	155	91	33	5		66	195
19 - - - - -	91	12	43		64	211	88	19	42		145	295
18 AND LESS- - - - -	15,408	251	13,153	1,658	4,295	35,145	15,864	249	13,290	1,518	3,855	34,776
TOTAL- - - - -	17,585	1,572	13,240	1,677	4,638	38,712	17,604	1,456	13,374	1,519	4,733	38,690
DELAWARE RIVER AT CAMDEN, N. J.												
38 - - - - -		2				2	2					2
37 - - - - -		1				1	2					3
36 - - - - -						1	2					2
35 - - - - -	2					2	4	1				5
34 - - - - -	5	2				7	3	2				5
33 - - - - -	3					3	2					2
32 - - - - -	3					3	4					4
31 - - - - -	5				1	6	5					5
30 - - - - -	13					13	11					11
29 - - - - -	10	1				11	11					11
28 - - - - -	12					12	9					9
27 - - - - -	8					8	9					9
26 - - - - -	19					19	13					13
25 - - - - -	15				1	16	12				1	13
24 - - - - -	34				4	38	20	1				21
23 - - - - -	26					26	9					9
22 - - - - -	23	1				24	15					15
21 - - - - -	17	1			1	19	17				1	18
20 - - - - -	19	1			1	21	20					20
19 - - - - -	23				7	30	21	1			3	25
18 AND LESS- - - - -	56	4	1,224	60	390	1,734	66	5	1,214	55	406	1,746
TOTAL- - - - -	293	13	1,224	60	405	1,995	254	10	1,214	55	411	1,948
SCHUYLKILL RIVER, PA.												
35 - - - - -		15				15	60	5				65
34 - - - - -		5				5	5	8			3	16
33 - - - - -		2			2	4	5	27			8	40
32 - - - - -		3				3	3	4			11	18
31 - - - - -		4			1	5	4	4			1	9
30 - - - - -		6				6	2	2			1	7
29 - - - - -	1	1				2	2	2			2	6
28 - - - - -		3			1	4	2	5				5
27 - - - - -	1	4			1	6	2	3			1	6
26 - - - - -	4	1			2	9	4	4			3	13
25 - - - - -	3	3			1	7	2	3			3	8
24 - - - - -	8	3			6	17	7	4			7	22
23 - - - - -	7	3			4	15	3	7			17	27
22 - - - - -	10	6	14		17	47	3	4	15		8	30
21 - - - - -	13	6			4	23	1	2			10	13
20 - - - - -	15	4	2		7	28	4				7	12
19 - - - - -	16	3			30	49	3	3			39	45
18 - - - - -	8	6			14	28	1	13			17	31
17 - - - - -	9	7			37	43		2			20	31
16 - - - - -	3	2	5		24	36		1	1		38	40
15 - - - - -	0	8	331	1	49	343		2	282	1	36	321
14 - - - - -	1	4	59		67	131		3	60		46	109

PHILADELPHIA, PA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	
SCHUYLKILL RIVER, PA.--(CONTINUED)				INBOUND						OUTBOUND
13 - - - - -			195	11A		313		2	229	73
12 AND LESS - - - - -		24	3,087	57	1,046	4,214		7	3,086	1,198
TOTAL - - - - -	105	123	3,693	5A	1,434	5,413	112	124	3,675	1,554
PHILADELPHIA HARBOR, PA.				INBOUND						OUTBOUND
49 - - - - -		33				33				
48 - - - - -		3				3				
47 - - - - -		2				2				
46 - - - - -		1				1				
45 - - - - -		3				3				
44 - - - - -		3				3				
43 - - - - -		3				3				
42 - - - - -		5				5				
41 - - - - -		5				5				
40 - - - - -	1	9				10				
39 - - - - -	24	9				33				
38 - - - - -	2	22				24				
37 - - - - -	1	29				30				
36 - - - - -	10	14	6			30				
35 - - - - -	7	14				21				
34 - - - - -	22	15				37				
33 - - - - -	1R	9				10				
32 - - - - -	16	6				22				
31 - - - - -	25	9				34				
30 - - - - -	40	10				50				
29 - - - - -	59	A				60				
28 - - - - -	7R	12				19				
27 - - - - -	90	9				99				
26 - - - - -	106	11				117				
25 - - - - -	104	8				112				
24 - - - - -	110	10				120				
23 - - - - -	127	14				141				
22 - - - - -	11R	12	22	1	30	143			22	
21 - - - - -	79	11		1	9	90				
20 - - - - -	69	5	2		13	86				
19 - - - - -	54	5	16		37	112				
18 AND LESS - - - - -	4,413	181	7,340	661	2,152	14,756	4,391	173	7,396	2,136
TOTAL - - - - -	5,569	490	7,395	663	2,377	16,495	5,574	506	7,434	2,241
TRENTON HARBOR, N. J.				INBOUND						OUTBOUND
14 - - - - -				216	3	219				
13 - - - - -			65		6	71			64	64
12 - - - - -			136		1	137			134	134
11 - - - - -			3	13	3	19			3	3
10 - - - - -			2			2				
9 AND LESS - - - - -										
TOTAL - - - - -			206	229	13	448			201	441
WILMINGTON HARBOR, DELAWARE				INBOUND						OUTBOUND
38 - - - - -		1				1		2		2
37 - - - - -	1	1				2		2		2
36 - - - - -	1			1		2				
35 - - - - -		2				2				
34 - - - - -	9					9			2	2
33 - - - - -	3	1				4		4		4
32 - - - - -	9					9		5	1	6
31 - - - - -	5					5		2	1	3
30 - - - - -	7	1		1		9		7		7
29 - - - - -	9	1				10		9		9
28 - - - - -	15					15		12		12
27 - - - - -	20			1		21		12		12
26 - - - - -	24	1				25		23		23
25 - - - - -	35	2		2		39		25	4	29
24 - - - - -	36	1		3		40		24	1	26
23 - - - - -	27			1		28		30	2	32
22 - - - - -	24					24		24		24
21 - - - - -	15			1		16		32		32
20 - - - - -	15			1		16		24	2	27
19 - - - - -	4			10		14		14	2	16
18 AND LESS - - - - -	23	7	496	72	231	829	29	A	403	639
TOTAL - - - - -	282	18	496	72	252	1,120	286	23	403	644
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD., CHESAPEAKE AND DELAWARE CANAL				EASTBOUND						WESTBOUND
34 - - - - -	2					2	2	2		4
33 - - - - -		1		5		6				2
32 - - - - -	2					2	2	1		3
31 - - - - -	1					1	3			3
30 - - - - -	80	2		1		83	51	2		53
29 - - - - -	86	1	1	5	1	94	6A	1	1	74
28 - - - - -	81	2		4		87	7A	3		81
27 - - - - -	101	2		3	2	106	142	3		148
26 - - - - -	142	A		3	2	155	147	14		176
25 - - - - -	135	3		1	2	141	147	11		175
24 - - - - -	117	3		1	2	121	127	9		145
	151	1		2	15	169	121	7	1	139

PHILADELPHIA, PA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	TOTAL
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD., CHESAPEAKE AND DELAWARE CANAL--(CONTINUED)										
				EASTBOUND					WESTBOUND	
23 - - - - -	110	4		3	5	119	80	4	1	102
22 - - - - -	70	2		3	4	79	42	3		103
21 - - - - -	54	2		1	5	64	74	2		87
20 - - - - -	44	5	5	2	5	65	64	5	4	91
19 - - - - -	43	3	1	2	10	59	62	5	2	87
18 - - - - -	43	3	3	10	15	74	56	3	0	120
17 - - - - -	28	2	35	50	16	131	36	4	40	109
16 - - - - -	25	1	61	110	17	214	24	6	68	189
15 - - - - -	16	5	173	121	30	345	19	6	152	296
14 - - - - -	10	1	149	71	22	253	10	8	148	289
13 - - - - -	10	1	245	22	18	296	6	4	230	318
12 AND LESS - - - - -	100	22	1,390	446	1,019	2,977	102	6	1,379	2,891
TOTAL - - - - -	1,452	74	2,063	461	1,190	5,640	1,449	110	2,038	5,685
ARSECON CREEK, N. J.				NO VESSEL TRIPS REPORTED						
ARSECON INLET, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 15 AND LESS - - - - -	1,282					1,282	1,226			1,226
ALLOWAY CREEK, N. J.				NO VESSEL TRIPS REPORTED						
APPOQUIMINK RIVER, DEL.				NO VESSEL TRIPS REPORTED						
BARNEGAT INLET, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 10 AND LESS - - - - -	3,430					3,430	3,429			3,429
BIG TIMMER CREEK, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 14 AND LESS - - - - -			85	17	75	177		95	14	67
BROADKILL RIVER, DEL.				NO VESSEL TRIPS REPORTED						
CAPE MAY CANAL, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 10 AND LESS - - - - -	3,402		1		2	3,405	3,148			3,148
COMANSEY RIVER, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 12 AND LESS - - - - -	90		4		7	101	90		4	101
COLD SPRING INLET, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 15 AND LESS - - - - -	5,422		1			5,423	5,764		1	5,769
COOPER RIVER, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 11 AND LESS - - - - -			1		9	10		1		9
HARBOR OF REFUGE, DELAWARE BAY, DEL.				UPBOUND					DOWNBOUND	
TOTAL, 12 AND LESS - - - - -	2,082		5	114	14	2,215	2,082		5	2,205
INDIAN RIVER INLET AND BAY, DEL.				UPBOUND					DOWNBOUND	
TOTAL, 5 AND LESS - - - - -	540					540	540			540
INLAND WATERWAY BETWEEN RHODESBOTH BAY AND DELAWARE BAY, DEL.				UPBOUND					DOWNBOUND	
TOTAL, 9 AND LESS - - - - -	793		7			800	793		7	800
LEIPSIK RIVER, DEL.				NO VESSEL TRIPS REPORTED						
LITTLE EGG HARBOR, N. J.				NO VESSEL TRIPS REPORTED						
LITTLE RIVER, DEL.				NO VESSEL TRIPS REPORTED						
MANASQUAN RIVER, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 15 AND LESS - - - - -	2,217		2			2,219	2,125		2	2,127
MANTUA CREEK, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 19 AND LESS - - - - -	3	34	70	68	14	193		33	75	192
MAURICE RIVER, N. J.				UPBOUND					DOWNBOUND	
TOTAL, 8 AND LESS - - - - -	1,186					1,186	1,186			1,186

PHILADELPHIA, PA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
MISPILLION RIVER, DEL. TOTAL, 4 AND LESS - - - - -	18			UPBOUND		18	18		DOWNBOUND		18
MURDERHILL RIVER, DEL. TOTAL, 6 AND LESS - - - - -	1,298			UPBOUND		1,298	1,298		DOWNBOUND		1,298
NEW JERSEY INTRACOASTAL WATERWAY TOTAL, 12 AND LESS - - - - -	16,066		1	UPBOUND 114	2	16,143	16,145	1	DOWNBOUND 114		16,260
OLDMANS CREEK, N. J. TOTAL, 6 AND LESS - - - - -				UPBOUND	5	5			DOWNBOUND	5	5
PEPPER CREEK, DEL.				NO VESSEL TRIPS REPORTED							
SALEM RIVER, N. J. TOTAL, 10 AND LESS - - - - -			5	UPBOUND		5		3	DOWNBOUND		3
SMYRNA RIVER, DEL. TOTAL, 5 AND LESS - - - - -	95			UPBOUND		95	95		DOWNBOUND		95
ST. JONES RIVER, DEL.				NO VESSEL TRIPS REPORTED							
TOMS RIVER, N. J.				NO VESSEL TRIPS REPORTED							
TUCKERTON CREEK, N. J. TOTAL, 4 AND LESS - - - - -	688			UPBOUND		688	688		DOWNBOUND		688
WATERWAY FROM INDIAN RIVER INLET TO REMOOTH BAY, DEL.				NO VESSEL TRIPS REPORTED							

BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
BALTIMORE HARBOR AND CHANNELS, MD.				INBOUND						OUTBOUND		
41 -	2					2		2				2
40 -	35	18				53	78	19				97
39 -	4	2				6	34	6				40
38 -	2	2				4	42	6				48
37 -	7	11				18	31	3				34
36 -	8	8			1	17	53	4				57
35 -	7	7				14	24	1				25
34 -	17	18		1		36	26	4			1	31
33 -	27	9				36	39	4				43
32 -	67	24				91	99	2				101
31 -	108	12			1	121	115	7				122
30 -	164	12			1	177	212	5				217
29 -	204	14				218	247	5			1	253
28 -	234	15				249	275	14				289
27 -	292	15		12	2	321	384	10		1		395
26 -	292	15		21	1	329	243	20		6		269
25 -	379	22		2	2	405	247	29		2	3	281
24 -	282	12		19	6	319	239	21		1	12	273
23 -	239	7		12	11	269	191	16		3	2	212
22 -	190	6		4	10	210	162	22		1	3	190
21 -	132	2		1	4	143	89	3		1		93
20 -	133	3		2	4	142	102	16	1	1	2	122
19 -	80	3	2	6	17	108	86	5	1	13	4	109
18 AND LESS -	4,313	489	10,160	1,608	2,340	16,910	4,226	507	10,080	1,711	2,389	16,913
TOTAL -	7,718	726	10,162	1,608	2,404	22,198	7,244	731	10,082	1,742	2,417	22,216
CHOPTANK RIVER, MD.				UPBOUND						DOWNBOUND		
20 -	2					2	2					2
19 -	5					5						
18 -	1					1	2					2
17 -	5					5	1					1
16 -	1					1	3					3
15 -							1					1
14 -			1			1	3		1			4
13 -			4			4	1		4			5
12 -			3			3	3		5			8
11 -	109				5	117						
10 -			4		4	8			4			4
9 -			18		24	57	15		16			31
8 -	15		1	43	1	58	9		1			10
7 -	9		3	4		2,698	2,568		8	47	33	2,654
6 AND LESS -	2,691											
TOTAL -	2,438		34	47	34	2,953	2,604		39	47	33	2,727
NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.				UPBOUND						DOWNBOUND		
12 -			10		12	22			10			10
11 -			2	3	22	27			2	1	1	4
10 -			45	11	22	78			37	17		54
9 -			34	3	5	42			34	1		35
8 -			23	2	2	27			27	9		36
7 -			9		1	10			11			11
6 AND LESS -	955			44	1	1,000	955			35	63	1,053
TOTAL -	955		123	63	65	1,206	955		121	63	64	1,203
WICOMICO RIVER, MD., (EASTERN SHORE)				UPBOUND						DOWNBOUND		
13 -					5	5					2	2
12 -			46	1	34	81			46			46
11 -			20	15	87	122			14		4	18
10 -	20		105	49	42	220			107		1	108
9 -			17	10	9	36			17			17
8 -			38		44	82			36			36
7 -			27		2	29			32			32
6 AND LESS -	234		2	3	1	240	265		2	77	218	292
TOTAL -	258		255	78	224	615	265		254	77	225	621
WASHINGTON HARBOR, D. C.				INBOUND						OUTBOUND		
16 -					48	48						
15 -					30	30						
14 -					1	1						
13 -					16	16						
12 AND LESS -	3,258		149		41	3,448	3,262		133		131	3,526
TOTAL -	3,258		149		136	3,543	3,262		133		131	3,526
ANACOSTIA RIVER, D. C.				INBOUND						OUTBOUND		
16 -					48	48						
15 -					30	30						
14 -					1	1						
13 -					16	16						
12 AND LESS -			149		41	190			133		131	264
TOTAL -			149		136	285			133		131	264

BALTIMORE, MD, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
POTOMAC RIVER BELOW WASHINGTON, D. C.												
32 - - - - -		9				9	1					1
31 - - - - -		1				1						1
29 - - - - -								1				1
28 - - - - -								1				1
27 - - - - -					1	1						
26 - - - - -								2				2
25 - - - - -					1	1		1				1
24 - - - - -								1			2	3
23 - - - - -					3	3					1	1
22 - - - - -	9				2	11	8	2				10
21 - - - - -	6				1	7	4	1			1	7
20 - - - - -	1		1	1		3	3	2	1			6
19 - - - - -			1	1	5	7			2			2
18 AND LESS - - - - -	4,415	2	516	103	335	5,371	4,414	2	454	97	339	5,307
TOTAL - - - - -	4,431	12	518	105	340	5,414	4,432	13	457	98	344	5,344
ANNAPOLIS HARBOR, MD.												
TOTAL, 10 AND LESS - - - - -	458					458	484					484
AQUIA CREEK, VA.			NO VESSEL TRIPS	REPORTED								
BACK CREEK, ANNE ARUNDEL COUNTY, MD.												
TOTAL, 4 AND LESS - - - - -	26					26	26					26
BETTERTON HARBOR, MD.			NO VESSEL TRIPS	REPORTED								
BLACK WALNUT HARBOR, MD.			NO VESSEL TRIPS	REPORTED								
BONUM CREEK, VA.			NO VESSEL TRIPS	REPORTED								
BRANBONS COVE, VA.												
TOTAL, 5 AND LESS - - - - -	107					107	107					107
BRETON BAY, MD.												
TOTAL, 11 AND LESS - - - - -			115	60		175			114			174
BROAD CREEK RIVER, DEL.												
TOTAL, 4 AND LESS - - - - -	8					8	8					8
BROAD CREEK, SOMERSET COUNTY, MD.												
TOTAL, 4 AND LESS - - - - -	25					25	25					25
BROADWATER CREEK, MD.			NO VESSEL TRIPS	REPORTED								
CADLE CREEK, MD.			NO VESSEL TRIPS	REPORTED								
CAMBRIDGE HARBOR, MD.												
TOTAL, 10 AND LESS - - - - -	1,072		6			1,078	1,072		8		1	1,081
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.			NO VESSEL TRIPS	REPORTED								
CHESTER RIVER, MD.												
TOTAL, 10 AND LESS - - - - -	3,180		6		10	3,196	3,180		8		8	3,194
CLAIBORNE HARBOR, MD.			NO VESSEL TRIPS	REPORTED								
COAN RIVER, VA.												
TOTAL, 5 AND LESS - - - - -	1,191					1,191	1,191					1,191
CORSICA RIVER, MD.			NO VESSEL TRIPS	REPORTED								
CRISFIELD HARBOR, MD.												
TOTAL, 10 AND LESS - - - - -	2,608		12		6	2,704	2,608		14		8	2,708
CUCKOLD CREEK, MD.			NO VESSEL TRIPS	REPORTED								
DUCK POINT COVE, MD.			NO VESSEL TRIPS	REPORTED								

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BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				DIRECTION			
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND TUG/BOAT	TANKER	DRY CARGO	TOTAL	PASSENGER AND TUG/BOAT	TANKER	DRY CARGO	TOTAL
ELK AND LITTLE ELK RIVERS, MD. TOTAL, 9 AND LESS - - - - -	8	4	UPBOUND	12	8	4	DOWNBOUND	12
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD. TOTAL, 5 AND LESS - - - - -	1,419		UPBOUND	1,419	1,419		DOWNBOUND	1,419
FISHING CREEK, CALVERT COUNTY, MD.	NO VESSEL TRIPS REPORTED							
GOOSE CREEK, SOMMERSET COUNTY, MD. TOTAL, 4 AND LESS - - - - -	46		UPBOUND	46	46		DOWNBOUND	46
HERRING BAY AND ROCKMILL CREEK, MD. TOTAL, 4 AND LESS - - - - -	281		UPBOUND	281	281		DOWNBOUND	281
HERRING CREEK, MD.	NO VESSEL TRIPS REPORTED							
HONGA RIVER AND TAR BAY, MD. TOTAL, 8 AND LESS - - - - -	1,230	5	UPBOUND	1,235	1,230	5	DOWNBOUND	1,235
ISLAND CREEK, MD. TOTAL, 4 AND LESS - - - - -	110		UPBOUND	110	110		DOWNBOUND	110
KNAPPS NARROWS, MD. TOTAL, 5 AND LESS - - - - -	274		UPBOUND	274	274		DOWNBOUND	274
LITTLE CREEK, QUEEN ANNES COUNTY, MD.	NO VESSEL TRIPS REPORTED							
LITTLE NICHOLSON RIVER, VA. TOTAL, 4 AND LESS - - - - -	12	6,803	UPBOUND	13,618	12	6,803	DOWNBOUND	13,618
LOWER MACHODOC CREEK, VA. TOTAL, 5 AND LESS - - - - -	492		UPBOUND	492	492		DOWNBOUND	492
LOWER THOROUGHFARE AT OR NEAR HENONA, DEAL ISLAND, MD. TOTAL, 4 AND LESS - - - - -	390		UPBOUND	390	390		DOWNBOUND	390
LONGS WHARF, TALBOT COUNTY, MD.	NO VESSEL TRIPS REPORTED							
MANTON RIVER, MD. TOTAL, 4 AND LESS - - - - -	383		UPBOUND	383	383		DOWNBOUND	383
MIDDLE RIVER AND DARK HEAD CREEK, MD. TOTAL, 9 AND LESS - - - - -	18	8	UPBOUND	103	18	6	DOWNBOUND	101
MILL CREEK, MD.	NO VESSEL TRIPS REPORTED							
MONROE BAY AND CREEK, VA. TOTAL, 4 AND LESS - - - - -	269		INBOUND	269	269		OUTBOUND	269
MUDDY HOOK AND TYLER COVES, MD. TOTAL, 4 AND LESS - - - - -	498		INBOUND	498	498		OUTBOUND	498
NAN COVE, MD.	NO VESSEL TRIPS REPORTED							
NANTICKE RIVER AT RIVALVE, MD.	NO VESSEL TRIPS REPORTED							
NANTICKE RIVER AT NANTICKE, MD. TOTAL, 5 AND LESS - - - - -	947		INBOUND	947	947		OUTBOUND	947
NEALE SOUND, MD. TOTAL, 4 AND LESS - - - - -	14		UPBOUND	14	14		DOWNBOUND	14
NOMINI BAY AND CREEK, VA. TOTAL, 4 AND LESS - - - - -	110		UPBOUND	110	110		DOWNBOUND	110
NORTHEAST RIVER, MD.	NO VESSEL TRIPS REPORTED							

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DRAFT (FEET)				
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	BOAT OR TUGBOAT	DRY CARGO TANKER		PASSENGER AND DRY CARGO	TANKER	BOAT OR TUGBOAT	DRY CARGO TANKER	
OCCOQUAN CREEK, VA. TOTAL, 10 AND LESS			58	UPROUND 60	118			57	DOWNROUND 60	117
OCEAN CITY HARBOR AND INLET AND SINEPUXENT RAY, MD. TOTAL, 9 AND LESS	1,079		2	INROUND	1,081	1,079			OUTROUND	1,079
PARISH CREEK, MD. TOTAL, 4 AND LESS	40			UPROUND	40	40			DOWNROUND	40
PATUXENT RIVER, MD. TOTAL, 12 AND LESS	134		30	UPROUND 38 50	252	134		32	DOWNROUND 38 40	253
POCOMOKE RIVER, MD. TOTAL, 11 AND LESS	423	1	241	UPROUND 118 15	798	423	1	261	DOWNROUND 118 15	818
POTOMAC RIVER AT ALEXANDRIA, VA. TOTAL, 22 AND LESS	21		13	INROUND A	42	21		15	OUTROUND 7 2	45
POTOMAC RIVER AT LOWER CEDAR POINT, MD.	NO VESSEL TRIPS REPORTED									
POTOMAC RIVER AT MT. VERNON, VA. TOTAL, 8 AND LESS	1,071			UPROUND	1,071	1,071		1	DOWNROUND 7	1,075
POTOMAC RIVER, VIRGINIA CHANNEL, D.C. TOTAL, 6 AND LESS	2,189			INROUND	2,189	2,187			OUTROUND	2,187
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. TOTAL, 8 AND LESS	1,073			INROUND	1,073	1,071			OUTROUND	1,071
QUEENSTOWN HARBOR, MD.	NO VESSEL TRIPS REPORTED									
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD. TOTAL, 5 AND LESS		6		UPROUND	6		7		DOWNROUND	7
ROCK HALL HARBOR, MD.	NO VESSEL TRIPS REPORTED									
SLAUGHTER CREEK, MD. TOTAL, 4 AND LESS	130			UPROUND	130	130			DOWNROUND	130
SMITH CREEK, MD. TOTAL, 4 AND LESS	15			UPROUND	15	15			DOWNROUND	15
ST. CATHERINES SOUND, MD. TOTAL, 4 AND LESS	50			UPROUND	50	50			DOWNROUND	50
ST. JEROME CREEK, MD. TOTAL, 6 AND LESS			2	UPROUND	2			2	DOWNROUND	2
ST. MICHAELS HARBOR, MD. TOTAL, 7 AND LESS	109			INROUND	109	109			OUTROUND	109
ST. PATRICKS CREEK, MD. TOTAL, 4 AND LESS	140			UPROUND	140	140			DOWNROUND	140
ST. PETERS CREEK, MD.	NO VESSEL TRIPS REPORTED									
SUSQUEHANNA RIVER ABOVE AND BELOW HAYRE DE GRACE, MD. TOTAL, 12 AND LESS	103		81	UPROUND 104	288	104		105	DOWNROUND 104	313
TILGHMAN ISLAND HARBOR, MD.	NO VESSEL TRIPS REPORTED									
TOWN CREEK, MD. TOTAL, 10 AND LESS	16			UPROUND	16	16			DOWNROUND	16
TRED AVON RIVER, MD. TOTAL, 12 AND LESS	8,753		20	UPROUND 34	8,807	8,752		20	DOWNROUND 32	8,804

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BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD. TOTAL, 8 AND LESS - - - - -	2,019	13	1	1	UPBOUND	2,034	2,020	13	DOWNBOUND	2,033
TYASKIN CREEK, MD.	NO VESSEL TRIPS			REPORTED						
UPPER MACHODOC CREEK, VA.	NO VESSEL TRIPS			REPORTED						
UPPER THOROUGHFARE, DEAL ISLAND, MD. TOTAL, 9 AND LESS - - - - -	220		1		UPBOUND	221	220	1	DOWNBOUND	221
HARNICK RIVER, MD. TOTAL, 4 AND LESS - - - - -	150				UPBOUND	150	150		DOWNBOUND	150
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.	NO VESSEL TRIPS			REPORTED						

NORFOLK, VA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NORFOLK HARBOR, VA.												
47	1			INBOUND		1	28	30	OUTBOUND		58	
46		1				1	33	19			52	
45							35	21			56	
44							14	2			16	
43							17	6			23	
42	1	2				3	24	7			31	
41		4				4	24	9			33	
40	2	9				11	40	20			100	
39	6	6				12	56	6			62	
38	2	13				15	36	1			37	
37	7	23				30	54	3			61	
36	21	14				35	67	5			72	
35	30	8				38	50	6	1		55	
34	31	13				44	44	4			52	
33	56	4				60	57	6			63	
32	57	16				73	60	8			68	
31	114	12				126	79	3			81	
30	147	19				166	165	17			182	
29	109	14			1	124	129	9			134	
28	174	21				195	155	9			164	
27	197	13		3	1	214	128	6		1	135	
26	146	30			3	179	127	10			137	
25	170	10			4	174	131	14			149	
24	161	10			1	192	125	24			155	
23	143	12	1	2	3	161	84	12	1	1	6	
22	135	11		1	3	150	82	9	1	1	2	
21	128	7			1	134	44	10			3	
20	105	7		6	4	122	74	17		3	2	
19	64	7	1	5	7	84	37	6	1		7	
18 AND LESS	1,125	1,271	6,987	4,583	2,224	16,190	1,022	1,334	7,335	4,261	2,154	
TOTAL	3,152	1,557	6,989	4,600	2,252	16,540	3,064	1,635	7,338	4,269	2,181	
HAMPTON ROADS, VA.												
47	1			INBOUND		1	28	33	OUTBOUND		61	
46		1				1	35	20			55	
45	1	1				2	84	61			145	
44							20	4			24	
43							23	11			34	
42	1	2				3	49	12			61	
41		4				4	39	12			51	
40	2	12				14	114	24			142	
39	10	7				17	77	7			84	
38	6	14				20	56	1			57	
37	13	27				40	77	3			80	
36	32	14				46	81	6			87	
35	37	13				50	66	4	1		75	
34	42	17				59	64	8			73	
33	66	8				74	65	7			72	
32	65	19				84	73	9			82	
31	122	18				140	85	4			89	
30	168	22				190	185	14			205	
29	122	16			1	139	139	9			148	
28	197	26				223	167	9			176	
27	221	19		3		243	137	7			146	
26	164	33		4	3	204	133	10		17	140	
25	200	17			4	215	153	15			160	
24	211	14			2	227	147	24		21	194	
23	201	16	1	1	4	223	116	12	1	9	143	
22	184	12		1	3	200	121	10		2	133	
21	191	7			3	201	58	11			72	
20	138	8		7	5	158	91	18		3	111	
19	83	7	2	6	9	107	44	6	1		6	
18 AND LESS	2,927	1,345	7,756	5,421	2,154	19,603	2,436	1,284	8,157	5,009	2,284	
TOTAL	5,405	1,693	7,759	5,443	2,188	22,448	5,368	1,663	8,159	5,062	2,307	
CHANNEL TO NEWPORT NEWS, VA.												
47		3		EASTBOUND		3			WESTBOUND			
46	2	1				3						
45	49	40				89	1	1			2	
44	6	2				8						
43	6	5				11						
42	25	5				30						
41	15	3				18						
40	38	4				42		3			3	
39	21	1				22	4	1			5	
38	20					20	4	1			4	
37	19					19	4	4			10	
36	14	1				15	11				11	
35	16	2				18	7	5			12	
34	21					21	11	6			17	
33	8					8	10	5			15	
32	13					13	8	4			12	
31	6	1				7	8	6			14	
30	20	1				21	21	3			24	
29	10					10	13	2			15	
28	12					12	23	5			24	
27	9	1				10	24	6			30	
26	11			17		28	14	3		4	25	
25	22					22	30	2			32	
24	47			21		68	30	4			35	

NORFOLK, VA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CHANNEL TO NEWPORT NEWS, VA.--(CONTINUED)												
23 - - - - -	29					37	58	8			3	69
22 - - - - -	53	4				61	58	6				64
21 - - - - -	45	1				46	75	2			2	79
20 - - - - -	22	4				27	42	2				46
19 - - - - -	16	1				17	32		1	1	5	39
18 AND LESS - - - - -	961	321	2,138	4,720	475	8,615	986	333	2,694	4,322	482	8,617
TOTAL - - - - -	1,536	401	2,138	4,771	475	9,321	1,480	412	2,695	4,329	493	9,400
PORT OF NEWPORT NEWS, VA.												
45 - - - - -	1	1				2	51	44				95
44 - - - - -							6	2				8
43 - - - - -							6	5				11
42 - - - - -							25	5				30
41 - - - - -							15	3				18
40 - - - - -		3				3	38	4				42
39 - - - - -	4	1				5	21	1				22
38 - - - - -	4	1				5	20					20
37 - - - - -	4	4				10	19					19
36 - - - - -	11					11	14	1				15
35 - - - - -	7	5				12	16	2				18
34 - - - - -	11	6				17	21					21
33 - - - - -	10	5				15	8					8
32 - - - - -	8	4				12	13					13
31 - - - - -	4	6				14	6	1				7
30 - - - - -	21	3				24	20	1				21
29 - - - - -	13	2				15	10					10
28 - - - - -	23	5				28	12					17
27 - - - - -	24	6				30	9					10
26 - - - - -	16	3				25	11	1				28
25 - - - - -	30	2				32	22			17		22
24 - - - - -	30	4				35	22			21		43
23 - - - - -	58	4			1	65	24			4		35
22 - - - - -	49	1			2	50	39	1		1		41
21 - - - - -	63					65	14	1				15
20 - - - - -	33	2				36	17					17
19 - - - - -	19		1	1	1	22	7					7
18 AND LESS - - - - -	998	324	1,320	340	321	3,303	1,011	324	1,271	279	318	3,203
TOTAL - - - - -	1,449	392	1,321	346	328	3,836	1,501	396	1,271	326	318	3,812
JAMES RIVER, VA.												
22 - - - - -	9	9				18	40	5				48
21 - - - - -	12	1				13	31	1		1		33
20 - - - - -	9	1				11	5	4				9
19 - - - - -	13					17	9					9
18 - - - - -	41	1				50	7					7
17 - - - - -	12	1				15	4					4
16 - - - - -	3		2	10	3	18	6		5	18		29
15 - - - - -	3		3	3	6	15	4		3	19	1	27
14 - - - - -	6		2			25	3		2			13
13 - - - - -	4		9	3	44	60	9		11	1	9	30
12 AND LESS - - - - -	10,543	2	3,375	7,074	104	21,098	10,541	4	3,342	7,054	170	21,111
TOTAL - - - - -	10,655	15	3,391	7,091	188	21,340	10,659	14	3,363	7,096	188	21,320
PORT OF RICHMOND, VA.												
24 - - - - -							2					2
23 - - - - -	8					8	10					10
22 - - - - -	11					11	29					29
21 - - - - -	6					6	5					5
20 - - - - -	11					15	9					9
19 - - - - -	35	1				44	7					7
18 - - - - -	4	1				6	3					3
17 - - - - -	1					2	6					6
16 - - - - -	2		2	10	4	8	4		2		1	7
15 - - - - -	4		2			17	3		2		3	6
14 - - - - -	3		4			31	8		5		9	22
13 AND LESS - - - - -	17	2	446	688	52	1,205	17	4	445	688	91	1,245
TOTAL - - - - -	102	4	454	688	105	1,353	103	4	454	688	104	1,353
PORT OF HOPEWELL, VA.												
24 - - - - -							23					23
23 - - - - -	1	5				6	1	2				3
22 - - - - -	1	1				2	4	3		3		10
21 - - - - -	1					2	2	1		1		4
20 - - - - -	3	1				5		4				4
19 - - - - -	2					2						
18 - - - - -	6					6						
17 - - - - -	8					8						
16 - - - - -	2		2	10		14			5	18		1
15 - - - - -	1		1	3	1	6			1	3		23
14 - - - - -	2				7	9					1	1
13 - - - - -	1		4	3	10	18	1		4	1		6
12 AND LESS - - - - -	2		240	66	46	354			237	54	63	354
TOTAL - - - - -	29	11	247	83	64	434	32	10	247	80	64	433

NORFOLK, VA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
HAMPTON CREEK, VA.				UPBOUND					DOWNBOUND			
10 - - - - -			281			281			245		245	
9 - - - - -				556	A	556			2		2	
8 - - - - -		90	9			107		3	15		18	
7 - - - - -		67	50			117			56		56	
6 AND LESS - - - - -	816		3			819	816	186	71	518	A	1,559
TOTAL - - - - -	816	157	343	556	A	1,880	816	189	180	518	A	1,880
APPOMATTOX RIVER, VA.				UPBOUND					DOWNBOUND			
11 - - - - -			4		7	11			2		2	
9 - - - - -										1,349		1,349
3 - - - - -			67	1,215		1,282			67		5	67
2 - - - - -			71	1,215	7	1,293			69	1,349	5	1,823
TOTAL - - - - -			71	1,215	7	1,293			69	1,349	5	1,823
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA GREAT BRIDGE LOCK				NORTHBOUND					SOUTHBOUND			
12 - - - - -			2	1		3			4			4
11 - - - - -			2			2						2
10 - - - - -			87	52	5	144			99	6	98	203
9 - - - - -			83	140	5	228			57	551	33	641
8 - - - - -	3		188	130	3	324	2		200	21		223
7 - - - - -			26	8		34	1		30	5		36
6 AND LESS - - - - -	2	3	109	475	127	716	1		47	274	9	331
TOTAL - - - - -	5	3	497	806	180	1,481	4		437	857	140	1,438
BLACKWATER RIVER, VA.				UPBOUND					DOWNBOUND			
7 - - - - -	8		126	614		748	8		126	3		137
4 - - - - -				3		3				589		589
TOTAL - - - - -	8		126	617		751	8		126	592		726
YORK RIVER, VA.				UPBOUND					DOWNBOUND			
38 - - - - -		17				17		2				2
37 - - - - -		8				8						8
36 - - - - -		2				2		1				1
35 - - - - -		4				4		1				1
34 - - - - -		7				7						7
33 - - - - -		4				4		2				2
32 - - - - -		5				5	1	1				2
31 - - - - -		7				7		1				1
30 - - - - -		4				4		2				2
29 - - - - -				1		1						1
28 - - - - -	2	3				5		9				9
27 - - - - -		3		1		4		1				1
26 - - - - -		2		1		3		11		16		27
25 - - - - -							1	3		9		13
24 - - - - -								26		19		45
23 - - - - -										6		6
22 - - - - -								2		5		5
21 - - - - -				1		1		1		6		7
20 - - - - -			3	1		4	1	9	3	9		22
19 - - - - -		1	1	6		8	12		1	10		23
18 AND LESS - - - - -	4,812	26	523	299	312	5,972	4,413	25	567	297	262	5,564
TOTAL - - - - -	4,814	93	527	299	323	6,056	4,428	47	571	297	340	5,733
ABERDEEN CREEK, VA.				NO VESSEL TRIPS REPORTED								
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) DISMAL SWAMP CANAL AND PASQUOTANK RIVER				NORTHBOUND					SOUTHBOUND			
TOTAL, 9 AND LESS - - - - -			62	148		210			218	454		672
BEACH CREEK, VA.				NO VESSEL TRIPS REPORTED								
BROAD CREEK, VA.				UPBOUND					DOWNBOUND			
TOTAL, 6 AND LESS - - - - -	582					582	582					582
CAPE CHARLES CITY HARBOR, VA.				INBOUND					OUTBOUND			
TOTAL, 19 AND LESS - - - - -	384	14	524	545	1	1,468	349	14	510	545	2	1,440
CARTERS CREEK, VA.				UPBOUND					DOWNBOUND			
TOTAL, 8 AND LESS - - - - -	1,540	3				1,543	1,540	2				1,542

Waterborne Commerce of the United States, 1982

NORFOLK, VA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION			DIRECTION		
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
CHANNEL CONNECTING YORK RIVER, VA., WITH RACK CREEK TO SLAUGHTS WHARF, VA. TOTAL, 4 AND LESS - - - - -	192			UPBOUND		192
CHANNEL FROM PHOEBUS, VA. TO DEEP WATER IN HAMPTON ROADS, VA.	NO VESSEL TRIPS REPORTED					
CHESCONESSEY CREEK, VA. TOTAL, 5 AND LESS - - - - -	634			UPBOUND		634
CHINCOTFAGUE BAY, MD. AND VA. TOTAL, 10 AND LESS - - - - -	2,599			UPBOUND		2,599
CHINCOTEAGUE HARBOR OF REFUGE, VA. TOTAL, 5 AND LESS - - - - -	172			INBOUND		172
CRANES CREEK, VA.	NO VESSEL TRIPS REPORTED					
DAVIS CREEK, VA. TOTAL, 5 AND LESS - - - - -	834			UPBOUND		834
DEEP CREEK, ACCOMACK COUNTY, VA. TOTAL, 5 AND LESS - - - - -	545			INBOUND		545
DEEP CREEK, NEWPORT NEWS, VA. TOTAL, 6 AND LESS - - - - -	345			UPBOUND		345
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION TOTAL, 9 AND LESS - - - - -	5,937		2	UPBOUND		5,939
DYMERS CREEK, VA.	NO VESSEL TRIPS REPORTED					
GREENVALE CREEK, VA. TOTAL, 5 AND LESS - - - - -	220			UPBOUND		220
HORN HARBOR, VA. TOTAL, 5 AND LESS - - - - -	285			INBOUND		285
HOSKINS CREEK, VA. TOTAL, 10 AND LESS - - - - -			8	UPBOUND 31		39
JACKSON CREEK, VA. TOTAL, 5 AND LESS - - - - -	100			UPBOUND		100
KINGS CREEK, NORTHAMPTON COUNTY, VA. TOTAL, 5 AND LESS - - - - -	73			UPBOUND		73
LAFAYETTE RIVER, VA. TOTAL, 6 AND LESS - - - - -			1	UPBOUND		1
LITTLE WACHIPONGO RIVER, VA. TOTAL, 4 AND LESS - - - - -	277			UPBOUND		277
LITTLE RIVER (CREEK), VA. TOTAL, 14 AND LESS - - - - -	147		551	UPBOUND 716	14	1,428
LOCKLIES CREEK, VA. TOTAL, 6 AND LESS - - - - -	771			UPBOUND		771
LYNHAVER, ROADS, INLET, AND CONNECTING WATERS, VA. TOTAL, 12 AND LESS - - - - -	30		12	UPBOUND 3		45
MATTAPONI RIVER, VA.	NO VESSEL TRIPS REPORTED					
MEMERRIN RIVER, N. C.	NO VESSEL TRIPS REPORTED					
MILFORD HAVEN, VA. TOTAL, 7 AND LESS - - - - -	1,703		2	UPBOUND 9		1,713

Waterborne Commerce of the United States, 1982

WILMINGTON, NC, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION				DIRECTION			
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	TOTAL	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	TOTAL
CHOWAN RIVER, N. C.								
7 - - - - -		126	630	756	126			137
6 AND LESS - - - - -			3	3			580	580
TOTAL - - - - -		126	633	759	126		600	726
PAMLICO AND TAR RIVERS, N. C.								
10 - - - - -		13		13	13			365
9 - - - - -		3	229	232	5		55	62
8 - - - - -					2			2
6 AND LESS - - - - -		2	356	494	2		308	314
TOTAL - - - - -		18	356	739	22		363	743
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)								
12 - - - - -	24	2	1	27	189	4		193
11 - - - - -		2		2				
10 - - - - -		9	49	60		27	357	401
9 - - - - -		107	126	235		40	79	207
8 - - - - -	10	217	139	377	10	242	21	273
7 - - - - -	1	47	26	94	4	76	8	88
6 AND LESS - - - - -	3,444	3	55	450	3,279	55	319	3,979
TOTAL - - - - -	3,479	3	459	791	3,482	444	784	5,141
MOREHEAD CITY HARBOR, N. C.								
34 - - - - -	2	17		19	14	1		15
33 - - - - -	2	12		14	6			6
32 - - - - -	2	1		3	12	1		13
31 - - - - -	3	3		6	7	2		9
30 - - - - -	3	3		6	3	1		4
29 - - - - -	4	3		11	6			6
28 - - - - -	3	3	1	7	3			3
27 - - - - -	6	2	1	9	2	2		4
26 - - - - -	3	3		6	4	6		10
25 - - - - -	4	3		7	4	3		7
24 - - - - -	7	1		8	14	10		28
23 - - - - -	6	1		7	5	6		11
22 - - - - -	7	3	1	11	4	8		12
21 - - - - -	10	1	1	12	6	4		10
20 - - - - -	14		2	16	4	2		6
19 - - - - -	8	1		10	3	1		5
18 AND LESS - - - - -	1,095	2	52	361	1,960	13	42	2,733
TOTAL - - - - -	2,083	59	55	361	2,061	60	43	2,882
PORT OF WILMINGTON, N. C.								
34 - - - - -	1	9		10				
33 - - - - -		13	7	21		6		6
32 - - - - -		14		14				
31 - - - - -	2	13		15	1	2		3
30 - - - - -	3	19		22	4	1		9
29 - - - - -	7	11		18	16	11	1	28
28 - - - - -	15	7		22	21	8		29
27 - - - - -	24	6		30	28	12		40
26 - - - - -	33	11		44	37	10		47
25 - - - - -	55	10		65	40	11		67
24 - - - - -	55	12	1	76	50	16	1	67
23 - - - - -	58	4	4	70	54	8		62
22 - - - - -	46	12	7	65	45	15	1	61
21 - - - - -	60	20	4	84	44	11	3	60
20 - - - - -	43	13	1	57	36	16	3	55
19 - - - - -	29	6	1	36	27	13	1	41
18 - - - - -	25	2	1	28	19	12	1	32
17 - - - - -	19	4	2	25	14	12	2	30
16 - - - - -	12	2		14	18	10		28
15 - - - - -	7	2	2	11	20	11		33
14 AND LESS - - - - -	2,041	19	200	2,133	2,424	33	201	3,225
TOTAL - - - - -	2,939	213	207	3,353	2,919	212	207	3,338
WILMINGTON HARBOR, N. C.								
34 - - - - -		2		2				
33 - - - - -	1	7		8				
32 - - - - -		13	4	20		7		7
31 - - - - -		14		14				
30 - - - - -	2	13		15	1	2		3
29 - - - - -	3	19		22	4	1		9
28 - - - - -	7	11		18	16	11	1	28
27 - - - - -	15	4		23	21	7		28
26 - - - - -	24	6		30	24	12		40
25 - - - - -	33	11		44	37	10		47
24 - - - - -	55	10	1	66	40	11	1	61
23 - - - - -	55	12	9	76	50	14	1	67
22 - - - - -	54	7	4	65	54	9		63
21 - - - - -	46	12	7	65	45	15	1	61
20 - - - - -	64	20	4	88	46	11	3	60

* EXCLUDES DOMESTIC FISH LANDINGS.

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HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
WILMINGTON HARBOR, N. C.--(CONTINUED)				UPROUND					DOWNROUND			
24 - - - - -	43	14			1	58	36	15		1	54	
23 - - - - -	29	4			1	36	27	13		1	41	
22 - - - - -	24	2			1	28	19	12		1	32	
21 - - - - -	19	5			2	26	16	11		2	29	
20 - - - - -	12	2		1	4	19	14	10	1		24	
19 - - - - -	7	2			2	11	20	11	2		33	
18 AND LESS - - - - -	3,102	19	341	328	303	4,093	3,110	33	340	398	343	4,224
TOTAL - - - - -	3,600	215	347	330	339	4,631	3,601	210	347	402	354	4,916
NORTHEAST (CAPE FEAR) RIVER, N. C.				UPROUND					DOWNROUND			
10 - - - - -			10		199	209		10	24		36	
9 - - - - -									9		9	
8 - - - - -				79		79			44		44	
7 - - - - -									10	199	10	
2 - - - - -											199	
TOTAL - - - - -			10	79	199	288		10	89	199	298	
ATLANTIC REACH CHANNELS, N. C.				INROUND					OUTROUND			
TOTAL, 5 AND LESS - - - - -	1,250					1,250	1,250				1,250	
AVON HARBOR, N. C.		NO VESSEL TRIPS		REPORTED								
BAY RIVER, N. C.		NO VESSEL TRIPS		REPORTED								
BEAUFORT HARBOR, N. C.				INROUND					OUTROUND			
TOTAL, 12 AND LESS - - - - -	370					370	356				356	
BELHAVEN HARBOR, N. C.				INROUND					OUTROUND			
TOTAL, 8 AND LESS - - - - -	5					5	5				5	
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.				UPROUND					DOWNROUND			
TOTAL, 18 AND LESS - - - - -			94	62	84	244		95	60	34	191	
CASHIE RIVER, N. C.		NO VESSEL TRIPS		REPORTED								
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, N. C.		NO VESSEL TRIPS		REPORTED								
CHANNEL FROM RACK SOUND TO LOOKOUT BIGHT, N. C.		NO VESSEL TRIPS		REPORTED								
CHANNEL FROM PAMLICO SOUND TO RODANTHE, N. C.		NO VESSEL TRIPS		REPORTED								
CHANNEL TO ROGUE INLET, N. C.				UPROUND					DOWNROUND			
TOTAL, 6 AND LESS - - - - -	1,228					1,228	1,228				1,228	
DRUM INLET, N. C.		NO VESSEL TRIPS		REPORTED								
EDENTON HARBOR, N. C.			34	INROUND		198		34	OUTROUND		203	
TOTAL, 7 AND LESS - - - - -				160					165			
FAR CREEK, N. C.			2	UPROUND		11		2	DOWNROUND		12	
TOTAL, 10 AND LESS - - - - -				9					10			
KNOBBS CREEK, N. C.			61	UPROUND		120		61	DOWNROUND		120	
TOTAL, 9 AND LESS - - - - -				59					59			
LOCKWOODS FOLLY RIVER, N. C.		NO VESSEL TRIPS		REPORTED								
MACKAY CREEK, N. C.		NO VESSEL TRIPS		REPORTED								
MANNS HARBOR, N. C.		NO VESSEL TRIPS		REPORTED								
MANTEO (SHALLOWHAG) BAY, N. C.			4	UPROUND		40	36	2	DOWNROUND		38	
TOTAL, 7 AND LESS - - - - -	36											
NEUSE RIVER, N. C.			9	UPROUND	3	119	99	17	DOWNROUND	7	125	
TOTAL, 9 AND LESS - - - - -	99			8						2		

EXCLUDES DOMESTIC FISH LANDINGS.

• EXCLUDES DOMESTIC FISH LANDINGS.

Waterborne Commerce of the United States, 1982

WILMINGTON, NC, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION				DIRECTION			
	SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	
NEH RIVER, N. C. TOTAL, 6 AND LESS - - - - -	10	1		12	10	1		12
OCRACOE INLET, N. C. TOTAL, 3 AND LESS - - - - -	720			720	720			720
PERQUIMANS RIVER, N. C.	NO VESSEL TRIPS REPORTED							
ROANOKE RIVER, N. C. TOTAL, 10 AND LESS - - - - -		97		337		95		343
ROLLINSON CHANNEL, N. C. TOTAL, 5 AND LESS - - - - -	30			30	30			30
SCUPPERNON RIVER, N. C.	NO VESSEL TRIPS REPORTED							
SHALLOTTE RIVER, N. C.	NO VESSEL TRIPS REPORTED							
SILVER LAKE HARBOR, N. C. TOTAL, 7 AND LESS - - - - -	2,187	1		2,188	2,185	3		2,188
SMITHS CREEK (PAMLICO COUNTY), N. C.	NO VESSEL TRIPS REPORTED							
SMITHS CREEK (WILMINGTON), N. C. TOTAL, 6 AND LESS - - - - -		3		6		3		6
SOUTH RIVER, N. C.	NO VESSEL TRIPS REPORTED							
STUMPY POINT BAY, N. C.	NO VESSEL TRIPS REPORTED							
TRENT RIVER, N. C. TOTAL, 7 AND LESS - - - - -		2		8		2		8
WANCHESF HARBOR, N. C. TOTAL, 7 AND LESS - - - - -	36	4		40	36	2		38
WATERWAY - NORFOLK, VA. TO SOUND OF NORTH CAROLINA TOTAL, 10 AND LESS - - - - -		4		12		5		16
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C. TOTAL, 9 AND LESS - - - - -	1,060	5		1,065	1,059	2		1,061
WATERWAY CONNECTING SHAW QUARTER BAY WITH DEEP HAV, N. C. TOTAL, 7 AND LESS - - - - -	692			692	691			691
WRIGHTS CREEK, N. C.	NO VESSEL TRIPS REPORTED							

* EXCLUDES DOMESTIC FISH LANDINGS.

CHARLESTON, SC, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (CHARLESTON DISTRICT)												
12 - - - - -	10		10	NORTHBOUND		23	6		13	SOUTHBOUND		22
11 - - - - -	2		2	3	1	5			2	1		2
10 - - - - -			24	42	1	47			11	10		21
9 - - - - -			23	123	5	151			14	131		145
8 - - - - -	18		303	63	4	392	12		32A	35		375
7 - - - - -	45		112	37		194	51		122	4		177
6 AND LESS - - - - -	733		101	221	4	1,059	737		110	294	17	1,158
TOTAL - - - - -	808		575	489	19	1,891	806		600	477	17	1,900
GEORGETOWN HARBOR, S. C. (WINYAH RAY)												
27 - - - - -	2	1		INBOUND		3	1			OUTBOUND		1
26 - - - - -	2	2				4	1					1
25 - - - - -	1					1	4					4
24 - - - - -	1					1	2					3
23 - - - - -	1	1				2	5	1				6
22 - - - - -	5	1				6	3	1				4
21 - - - - -	2					2	4	1				5
20 - - - - -	4			1		5	3					4
19 - - - - -	5					5	4					3
18 - - - - -	4					4	3					2
17 - - - - -	3					3	2					3
16 - - - - -	5					5	2	1				1
15 - - - - -	1	1				2	1					5
14 - - - - -	1					1	5					114
13 - - - - -	1					1	6		63	45		157
12 AND LESS - - - - -	8		50	55		113						
TOTAL - - - - -	45	6	50	56		157	43	6	63	45		157
CHARLESTON HARBOR, S. C.												
37 - - - - -			10	INBOUND		10			9	OUTBOUND		9
36 - - - - -	4	3				7	1					1
35 - - - - -	11	8				19	14	1				19
34 - - - - -	13	14				27	20	2				22
33 - - - - -	19	15			1	35	21	1				22
32 - - - - -	27	11			2	40	26	3				29
31 - - - - -	39	9			4	54	52	4				54
30 - - - - -	68	10			4	84	94	5			1	100
29 - - - - -	109	6			9	124	101	4				109
28 - - - - -	114	14			3	131	144	11			3	158
27 - - - - -	126	6			3	135	156	4			4	170
26 - - - - -	157	15			2	174	141	10			5	156
25 - - - - -	145	5			2	152	109	17				126
24 - - - - -	135	13				148	101	17			1	119
23 - - - - -	125	4			10	139	119	12			1	132
22 - - - - -	92				5	97	90	10			1	110
21 - - - - -	83	4			5	92	89	4			1	98
20 - - - - -	86	2			2	90	87	0			1	97
19 - - - - -	52	3			2	57	44	4				52
18 AND LESS - - - - -	2,011	6	2,382	304	354	5,057	1,962	15	2,394	273	410	5,054
TOTAL - - - - -	3,416	144	2,392	304	412	6,672	3,390	147	2,403	273	424	6,641
SHIPYARD RIVER, S. C.												
35 - - - - -			2	INBOUND		2		1	1	OUTBOUND		2
34 - - - - -		4				4						
33 - - - - -		10				10		1				1
32 - - - - -		4				4						
31 - - - - -		4				4		3				3
30 - - - - -	1	1			1	3		3				3
29 - - - - -								1				1
28 - - - - -		4				4		1				1
27 - - - - -		2				2		2				2
26 - - - - -		5				5	1	2			1	4
25 - - - - -					2	2		2				2
24 - - - - -		2				2		1			1	4
23 - - - - -								4				4
22 - - - - -								3				3
21 - - - - -		1				1		3				4
20 - - - - -	1					1	1	3				1
19 - - - - -								1				1
18 AND LESS - - - - -	4	3	86	53	93	239	4		73	39	72	193
TOTAL - - - - -	6	40	88	53	94	243	6	37	74	39	74	230
ASHLEY RIVER, S. C.												
TOTAL, 14 AND LESS - - - - -	1,498		305	INBOUND		415	1,484		321	OUTBOUND		2,638
					16	2,634				410	19	2,638
EDISTO RIVER, S. C.												
NO VESSEL TRIPS REPORTED												
GREAT PEE DEE RIVER, S. C.												
TOTAL, 6 AND LESS - - - - -			1	UPBOUND		1			1	DOWNBOUND		1
EXCLUDES DOMESTIC FISH LANDINGS.												

EXCLUDES DOMESTIC FISH LANDINGS.

Waterborne Commerce of the United States, 1982

CHARLESTON, SC, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION				DIRECTION			
	SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			TOTAL
DRAFT (FEET)	PASSENGER AND REAR	TANKER	TOWBOAT OR TUGBOAT		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	
PORT ROYAL HARBOR, S. C. TOTAL, 24 AND LESS - - - - -	15		5	22	16		4	27
Santee River, S. C. TOTAL, 8 AND LESS - - - - -			2	3			1	4
VILLAGE CREEK, S. C.	NO VESSEL TRIPS REPORTED							
Waccamaw River, N. C. AND S. C. TOTAL, 8 AND LESS - - - - -	5		2	7	5			5

* EXCLUDES DOMESTIC FISH LANDINGS.

SAVANNAH, GA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION				DRAFT (FEET)				
				SELF PROPELLED VESSELS		NON-SELF PROPELLED VESSELS						
				PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL			
				PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER				
SAVANNAH HARBOR, GEORGIA				INBOUND				OUTBOUND				
39 -	1						1	2			2	
38 -		1					1	7			7	
37 -	6	11	1				18	19	4	1	24	
36 -	17	7					24	26	1		27	
35 -	27	29					56	29			29	
34 -	21	11			1		33	43	6		49	
33 -	30	5			2		37	31	1		34	
32 -	51	5			5		61	44	2		46	
31 -	69	14			6		89	62	4	1	69	
30 -	126	9					135	134	4		140	
29 -	95	12					107	130	12		143	
28 -	75	7					82	121	23	1	146	
27 -	74	8					82	98	17		115	
26 -	91	0	1	3	3		107	93	11	1	106	
25 -	92	13		3	2		110	120	20	1	143	
24 -	113	4			1		118	114	7	1	127	
23 -	92	6		1	1		100	135	7	1	143	
22 -	110	6		2	2		120	64	4	1	144	
21 -	81	5			1		87	53	3	2	58	
20 -	75	3	4	1	4		89	62	7	4	77	
19 -	56	2	2	3	1		64	40	11	2	62	
18 AND LESS -	676	8	883	403	440		2,410	596	20	880	2,377	
TOTAL -	1,476	175	891	416	471		3,931	2,027	172	884	3,999	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)				NORTHBOUND				SOUTHBOUND				
14 -				1			1					
13 -			12				12			12	12	
12 -			2		4		6			2	2	
11 -			23	33	9		65			17	21	
10 -			33	113	142		288			24	139	
9 -	24		311	68	15		418	15		257	304	
8 -	9		328	40			377	17		287	361	
7 -	39		107	309	66		521	30		104	620	
6 AND LESS -												
TOTAL -	72		816	564	234		1,690	62		711	1,461	
BRUNSWICK HARBOR, GEORGIA				INBOUND				OUTBOUND				
32 -	1						1					
31 -	8						8					
30 -	6	3					9	4			4	
29 -	10						10	3			3	
28 -	7						7	5			5	
27 -	2						2	5			5	
26 -	8						8	4			4	
25 -	11						11	5			5	
24 -	3						3	4			4	
23 -	6	1					7	6	1		7	
22 -	9						9	6	3	1	10	
21 -	39						39	14			14	
20 -	5						5	12			12	
19 -	5						5	12	1		13	
18 -	5						5	25			25	
17 -	5						5	6	1		7	
16 -								1			1	
15 -	1		1				2			1	1	
14 -	1	1					2	1			2	
13 -	3						3	3			3	
12 AND LESS -	31		433	215	154		837	50		437	809	
TOTAL -	164	4	434	215	154		976	166	6	438	934	
ALTAHAMA RIVER, GA. TOTAL, 7 AND LESS -				UPBOUND				DOWNBOUND				
				1				1				
DARIEN HARBOR, GA.				NO VESSEL TRIPS REPORTED								
SATILLA RIVER, GA. TOTAL, 8 AND LESS -				UPBOUND				DOWNBOUND				
				4				2				
SAVANNAH RIVER BELOW AUGUSTA, GA. TOTAL, 8 AND LESS -				UPBOUND				DOWNBOUND				
				2				10				
ST. MARYS RIVER, GA. AND FLA. TOTAL, 11 AND LESS -				UPBOUND				DOWNBOUND				
				60				57				
* EXCLUDES DOMESTIC FISH LANDINGS.												

EXCLUDES DOMESTIC FISH LANDINGS.

JACKSONVILLE, FL, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)										
				NORTHBOUND					SOUTHBOUND	
12 - - - - -			12	1				11		
11 - - - - -			2		9			2		
10 - - - - -			6		27	1		9	3	
9 - - - - -			30	1	247			25	31	9
8 - - - - -	9		131	1	21	5		109	15	
7 - - - - -	5		280			4		265	10	46
6 AND LESS - - - - -	5		59	127	61	7		58	69	299
TOTAL - - - - -	19		520	130	355	17		479	128	353
JACKSONVILLE HARBOR, FLA.										
				INBOUND					OUTBOUND	
38 - - - - -		1			1	2	2		1	5
37 - - - - -		27	24		1	2	4	31	10	47
36 - - - - -	2	17			8	6	4	1	1	16
35 - - - - -	2	22			1	5	6			11
34 - - - - -	4	43			2	49	7		1	15
33 - - - - -	14	15			3	32	16	5		21
32 - - - - -	81	6			11	98	54	6		60
31 - - - - -	33	11			2	46	23	4		33
30 - - - - -	53	8			6	67	25	10		35
29 - - - - -	62	14			6	62	9		2	74
28 - - - - -	86	14			14	116	87	12	1	105
27 - - - - -	78	14	3		12	111	73	9	1	90
26 - - - - -	104	18	17	4	11	158	91	12	14	133
25 - - - - -	97	10	4	4	5	120	90	11	2	109
24 - - - - -	107	20	1		4	136	44	17		105
23 - - - - -	95	12	1	1	7	116	86	20		107
22 - - - - -	41	10	1	1	2	55	43	34	1	118
21 - - - - -	34	7			5	50	60	26	1	94
20 - - - - -	25	4	65		4	106	34	19	64	126
19 - - - - -	14	9	39	3		65	14	9	33	58
18 AND LESS - - - - -	186	30	1,554	246	1,233	193	86	1,743	267	1,401
TOTAL - - - - -	1,126	322	1,713	259	1,345	4,765	1,105	320	1,891	5,054
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARVEY										
				UPBOUND					DOWNBOUND	
12 - - - - -				18		18				
10 - - - - -				1		1				
9 - - - - -			95		480	575	1	110		110
8 - - - - -			291		71	362		241		241
7 - - - - -	1		187			188	1	176		179
6 - - - - -			134			134		133		133
5 - - - - -			7			7		1		6
4 - - - - -	1					1	1			1
3 - - - - -				3	8	11			1	582
2 - - - - -						1				
1 - - - - -	1					1				
TOTAL - - - - -	3		714	3	574	1,298	3	663	1	587
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.										
				NORTHBOUND					SOUTHBOUND	
15 - - - - -			4			4				
13 - - - - -					7	27		2		2
12 - - - - -			20					24	9	33
11 - - - - -			2		377	379		10	56	66
10 - - - - -			157		26	183		45	1	46
9 - - - - -			41	12	5	58		32	5	39
8 - - - - -	13		204	17		238	12	139	4	159
7 - - - - -	4		170	7		181	13	148	3	164
6 AND LESS - - - - -	4,031		89	133	47	4,300	4,153	160	121	385
TOTAL - - - - -	4,048		691	169	462	5,370	4,174	560	137	453
CANAVIAL HARBOR, FLA.										
				INBOUND					OUTBOUND	
36 - - - - -				1		1				
35 - - - - -	5	3				8	2	1		3
34 - - - - -	3	14				19	1	1		2
33 - - - - -	1	4				5	2			2
32 - - - - -	2	4				6	2	2		4
31 - - - - -	1	2				3	1	2		3
30 - - - - -	4	3				7	4	2		6
29 - - - - -	4	1				5	5			5
28 - - - - -	4					4	6			6
27 - - - - -	5	4				9	2			2
26 - - - - -	7	1				8	4	7		11
25 - - - - -	9	2				11	5	9		14
24 - - - - -	7					7	2	6		8
23 - - - - -	5					5	4	1		6
22 - - - - -	4					8	10	4		18
21 - - - - -	11			1	4	16	3			3
20 - - - - -	42		2		1	45	52	2	6	60
19 - - - - -	3		1	1		5	4		1	10
18 AND LESS - - - - -	355		310	71	394	1,130	357	2	449	1,285
TOTAL - - - - -	474	42	313	73	401	1,307	472	39	455	1,444

* EXCLUDES DOMESTIC FISH LANDINGS.

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
PALM BEACH HARBOR, FLA.												
33		1		INBOUND		1			OUTBOUND			
32		3				3		6				6
31	2	2				4		4				4
30		10				10		1				1
29								1				1
28	3					3	1	1				2
27		1				1	1					1
26	2					2	3			1		4
25								1		1		2
24		4			3	7		10		1		11
23		1				1		2		15		17
22		1				1	1			14		15
21	1	3				4	1			1		2
20	4	1	5	2	1	11	3		5	2		10
19			1			3	1	2	1			4
18 AND LESS	1,282	2	61	56	0	1,405	1,227	1	51	34	0	1,325
TOTAL	1,294	29	67	58	0	1,456	1,238	29	57	73	0	1,405
PORT EVERGLADES HARBOR, FLA.												
38		4		INBOUND		4		1		OUTBOUND		1
37	2	28	24		3	31	2	4	29			35
36	1	17			36	37	2	3			4	9
35	1	50			12	63		6				6
34	6	65			14	85	9	10				19
33	9	24			34	71	8	7		2		17
32	24	16			25	65	30	15		1		46
31	49	11			16	76	49	12		3		64
30	24	5			3	32	24	16		6		46
29	42	2			8	52	15	18		9		42
28	43	9			0	60	73	22		10		105
27	41	19			1	61	30	27		7		64
26	21	14	17	3	4	59	23	34	16	12		85
25	37	8	1		3	49	29	19	1	2		51
24	18	7			6	31	18	22		3		43
23	13	12			5	30	16	13				29
22	12	9	16		4	41	12	24	16	6		58
21	6	4		1	8	19	5	10		1	3	19
20	10	2	6		1	19	13	3	4		4	24
19	3		6	3	1	16	2	1	5			8
18 AND LESS	3,160	13	579	203	182	4,137	3,120	54	605	224	289	4,292
TOTAL	3,522	322	653	210	378	5,085	3,480	321	676	225	361	5,063
MIAMI HARBOR, FLA.												
30	94	11		INBOUND		109	84	4		OUTBOUND		88
29	93	1				94	86					86
28	74	3				77	56					56
27	237					237	223	1				224
26	289	1				290	369	2				371
25	190					190	175	2				177
24	91	1			3	95	107	4				111
23	132	1				133	133	1				134
22	134					134	136					136
21	165				5	170	171	2		1		174
20	131		4			135	104	3	1			140
19	66		2			68	56	1	2			59
18 AND LESS	5,350	25	3,747	42	311	9,475	5,354	30	3,792	56	324	9,500
TOTAL	7,050	43	3,753	42	319	11,207	7,058	50	3,795	57	324	11,284
MIAMI RIVER, FLA.												
15	40		6	INBOUND		46	32			OUTBOUND		32
14	50					50	114	3				117
13	64	1				65	94	1		1		96
12	168					168	259					259
11	174					174	134					134
10	197	2				199	113	1				114
9	70					70	74					74
8	49					52	71		1			72
7	39		1	2		41	41					41
6 AND LESS	1,796		1,639	11		3,646	1,808		1,842	15	3	3,666
TOTAL	2,647	3	3,507	14		6,171	2,740	5	3,503	16	4	6,264
INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.												
11				NORTHBOUND		14				SOUTHBOUND		5
10			21	27	144	196				5		14
9			9		34	43			14			4
8			99		62	161			8			4
7			117	3		120			3			4
6			3			7			7	1		4
5			11			21			11			4
4						13						4
3	11					2	901					903
2	1					1	450			2		452
1	67		34	6	34	74			1	32		106
TOTAL	84		327	47	502	960	1,352		44	47		1,443

* EXCLUDES DOMESTIC FISH LANDINGS.

* EXCLUDES DOMESTIC FISH LANDINGS

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WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR
1982 PART 1 WATERM. (U) CORPS OF ENGINEERS FORT BELVOIR
VA WATER RESOURCES SUPPORT CE. JUL 84 WRSC-WCUS-82-1

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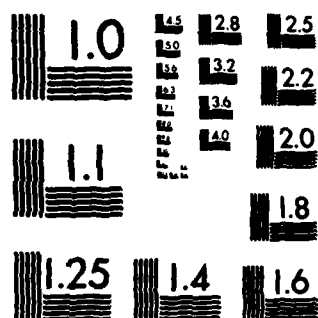
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NATIONAL BUREAU OF STANDARDS-1963-A

Waterborne Commerce of the United States, 1982

JACKSONVILLE, FL, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
BAKERS NAUOVER INLET, FLA. TOTAL, 7 AND LESS - - - - -	1,100		5	11	UPBOUND	1,116	1,344		5	DOWNBOUND	11	1,360
EAU GALLIE HARBOR, FLA.	NO VESSEL TRIPS REPORTED											
FERNANDINA HARBOR, FLORIDA TOTAL, 18 AND LESS - - - - -	14		176	180	INBOUND	370	6		123	OUTBOUND	180	309
PORT PIERCE HARBOR, FLA. TOTAL, 27 AND LESS - - - - -	111		32	13	INBOUND	156	150		24	OUTBOUND	10	184
KEY WEST HARBOR, FLA. TOTAL, 18 AND LESS - - - - -	1,009	4	77	10	INBOUND	1,178	1,019	7	77	OUTBOUND	9	1,187
MELBOURNE HARBOR, FLA.	NO VESSEL TRIPS REPORTED											
NEW RIVER, FLA. TOTAL, 8 AND LESS - - - - -	125		3	4	INBOUND	132	123		9	OUTBOUND	5	137
OKLAHAMA RIVER, FLA. TOTAL, 2 AND LESS - - - - -	74,000				UPBOUND	74,000	74,000			DOWNBOUND		74,000
PONCE DE LEON INLET, FLA.	NO VESSEL TRIPS REPORTED											
RICE CREEK, FLA. TOTAL, 10 AND LESS - - - - -			43	75	UPBOUND	118			11	DOWNBOUND	75	86
ST. AUGUSTINE HARBOR, FLA. TOTAL, 14 AND LESS - - - - -	997		10	2	INBOUND	1,009	994		9	OUTBOUND	3	1,010
ST. LUCIE INLET, FLA. TOTAL, 8 AND LESS - - - - -			9	11	UPBOUND	20	3		10	DOWNBOUND	10	23
◆ EXCLUDES DOMESTIC FISH LANDINGS.												

* EXCLUDES DOMESTIC FISH LANDINGS.

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT)

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TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY		DIRECTION					DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA., AND THE ST. JOHN RIVER, FLA												
12 - - - - -	38		14	NORTHBOUND		51	195		16	SOUTHBOUND		214
11 - - - - -	2		2		10	14			2			2
10 - - - - -			109	40	27	185	1		126	350	98	584
9 - - - - -			84	153	478	715			109	682	97	888
8 - - - - -	44		521	71	32	668	30		574	132	46	736
7 - - - - -	55		475	45		575	65		488	174		733
6 AND LESS - - - - -	4,211	3	254	1,272	320	6,060	4,034		195	545	627	5,405
TOTAL - - - - -	4,346	3	1,463	1,593	471	8,276	4,329		1,470	1,695	864	8,562
♦ EXCLUDES DOMESTIC FISH LANDINGS.												

* EXCLUDES DOMESTIC FISH LANDINGS.

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